



# 商用元件 Asia产品手册

**3M** Science.  
Applied to Life.™

**ABRACON**

**AirBorn**

**Amphenol**

**API Delevan**®

**api**  
technologies corp.

• **A P T I V** •

**AVAX**®

**BOURNS**®

**C&K**

**CDE** CORNELL  
DUBILIER  
ENERGIZING IDEAS

**EATON**  
Powering Business Worldwide

**Glenair**

**HARWIN**

**HellermannTyton**

**Honeywell**

**ITT**  
cannon

**JST** France

**KEMET**  
a YAGEO company

**knowles** PRECISION DEVICES

**KOA**®  
KOA SPEER ELECTRONICS, INC.

**KYOCERA**

**Lelon**

**Littelfuse**®  
Expertise Applied | Answers Delivered

**molex**

**muRata**  
INNOVATOR IN ELECTRONICS

**nichicon**

**OHMITE**

**OMRON**®

**Panasonic**

**PHOENIX CONTACT**  
INSPIRING INNOVATIONS

**PKC GROUP**

**preci-dip**

**Pulse**  
A YAGEO Company

**ROHM**  
SEMICONDUCTOR

**Sensata**  
Technologies

**Souriau-Sunbank**  
by **EATON**

**TDK**

**TE** connectivity  
AUTHORIZED DISTRIBUTOR

**TT Electronics**

**UNITED CHEMI-CON**

**VISHAY**  
The DNA of tech™

**VISHAY FOIL RESISTORS**  
A VPG Brand

**WIMA**

**YAGEO**

如需联系您当地的销售团队，请致电+86 400-844-4868或发送电子邮件至FeedbackTTIAAsia@ttiinc.com



## 电子元器件分销专家

在被动、连接器、机电和分立器件领域，TTI是你的首选。我们有最广泛和最纵深的库存资源，在产品品质和及时交货方面声誉卓越。

### 3M CORPORATION

#### ABRACON

#### AIRBORN

#### AMPHENOL

Advanced Sensors  
Aerospace  
AirLB  
AITC  
Alden  
All Sensors  
ANYTEK  
Aorora  
Audio  
Australia  
Canada  
Casco  
Commercial  
CONEC  
Connex  
FCI  
FEP  
Fiber Optics  
GE M&C - NovaSensor  
High Speed Products  
Industrial  
Infocom  
LTW  
Matrix  
Nexus Technologies  
PCD  
RF  
SGX Sensortech  
SINE Systems  
Socapex  
Spectra-Strip  
SSI Technologies  
SV Microwave  
TCS  
TFC  
Thermometrics  
Times Microwave  
Tuchel  
Wilcoxon

#### API DELEVAN

#### API TECHNOLOGIES

Spectrum Control

#### APTIV (FORMALLY DELPHI)

FCI Automotive  
HellermannTyton

#### AVX

ATC  
Elco  
Ethertronics

### BOURNS

JW Miller  
Komatsulite

### C&K COMPONENTS

#### CORNELL DUBILIER (CDE)

Illinois Capacitor

### Eaton

Bussmann  
Coiltronics  
PowerStor

### GLENAIR

### HARWIN

### HONEYWELL

Clarostat  
Elmwood  
Hobbs  
MICRO SWITCH  
Sensotec

### ITT CANNON

### JST

### KEMET

Arcotronics  
Evox Rifa  
NEC-TOKIN  
Dielectric Laboratories  
Johanson Manufacturing  
Novacap  
Syfer  
Voltronics

### KOA

### KYOCERA

### LELON

### LITTELFUSE

Concord Semiconductor  
Hamlin  
IXYS  
Littelfuse Automotive  
Raychem CP  
Teccor  
US Sensor  
Wickmann  
Zilog

### MOLEX

Affinity Medical  
Brad  
FCT  
Flamar  
GWconnect  
NuCurrent  
Oplink  
Phillips-Medisiz  
Pro Tek Medical

### SDP Telecom

### Sensorcon

### Temp-Flex Cable, Inc.

### Triton

### Vasa Applied Technologies

### Woodhead

### MURATA

Murata Power Solutions (MPS)  
C&D Technologies  
TOKO  
Wireless

### NICHICON

### OHMITE

### ARCOL

### OMRON

### PANASONIC

### PHOENIX CONTACT

### PKC GROUP

### PRECI-DIP

### PULSE

### ROHM SEMICONDUCTOR

Kionix  
Lapis Semiconductor

### SENSATA TECHNOLOGIES

Airpax  
BEI Sensors  
Crydom  
Kavlico  
Pressure & Temperature

### SOURIAU

### TDK

### EPCOS

### TE CONNECTIVITY

Agastat  
Alcoswitch  
AMP Connectors  
AMP NETCONNECT  
AST  
AUGAT  
Axicom  
Buchanan  
CII  
Citec  
Corcom  
Deutsch  
Elcon  
Entrelec  
Hartman  
Hirschmann Mobility  
HTS  
Intercontec  
Kilovac  
Kissling

### Madison Cable

Measurement Specialties  
Meggit Electronic Components  
Microdot  
Nanonics  
OEG  
Polamco  
Potter & Brumfield  
Q-Cee's  
Raychem Tubing  
Schrack  
TE Connectivity Sensors

### TT ELECTRONICS

BI Technologies  
IRC  
Optek  
Semelab  
Welwyn

### UNITED CHEMI-CON

### VISHAY

Angstrohm  
Aztronic  
BC Components  
Beyschlag  
Central  
Cera-Mite  
Dale  
Draloric  
Electro-Films (EFI)  
ESTA  
General Semiconductor  
HiRel Systems  
Huntington  
MCB Industrie  
Mills  
Milwaukee  
Polytech  
Roederstein  
Sfernice  
Siliconix  
Spectrol  
Sprague  
Tansitor  
Techno  
Vitramon

### VISHAY FOIL RESISTORS

### VISHAY PRECISION GROUP

### WIMA

### YAGEO

Kemet - See KEMET  
Pulse Electronics  
Vithrom

电容

铝电容

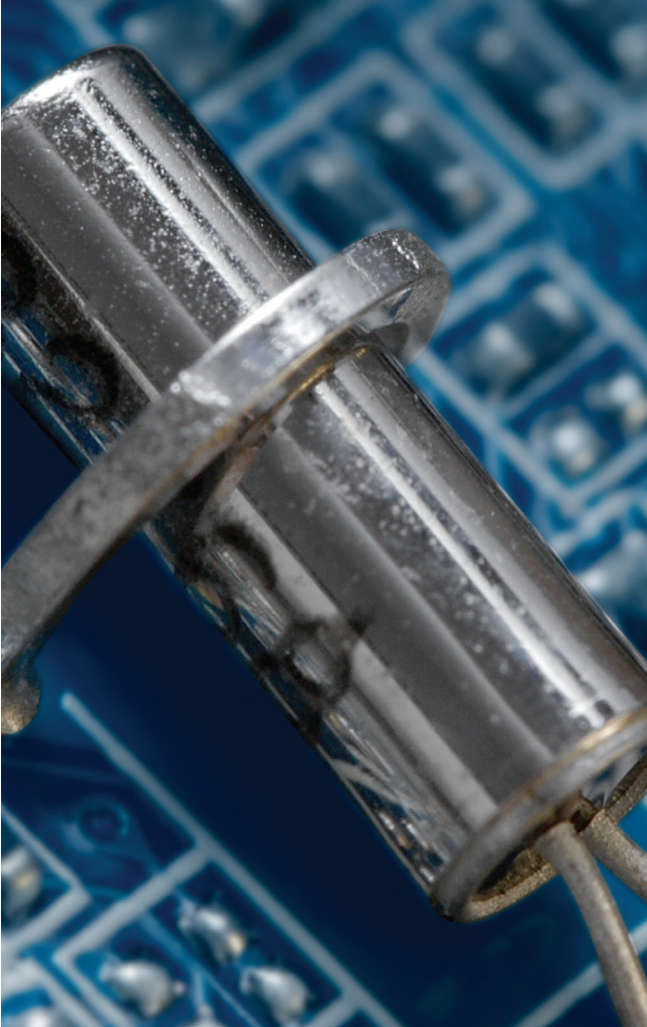
|           | AVX | Cornell Dubilier - Illinois Capacitor | Eaton - PowerStor | KEMET | Murata | Nichicon | Panasonic | TDK - EPCOS | UCC | Vishay - Bcomponents |
|-----------|-----|---------------------------------------|-------------------|-------|--------|----------|-----------|-------------|-----|----------------------|
| 交流电动机启动电容 | ◆   | ◆                                     | ◆                 | ◆     |        |          |           |             |     |                      |
| 轴向电解电容    | ◆   | ◆                                     | ◆                 | ◆     |        | ◆        |           | ◆           | ◆   | ◆                    |
| EDLC/超级电容 | ◆   | ◆                                     | ◆                 | ◆     |        |          |           |             |     |                      |
| 扁平封装电解电容  | ◆   | ◆                                     | ◆                 | ◆     |        |          |           |             |     |                      |
| 聚合物电容     | ◆   | ◆                                     | ◆                 | ◆     | ◆      | ◆        | ◆         | ◆           | ◆   | ◆                    |
| 径向微型电容    | ◆   | ◆                                     | ◆                 | ◆     | ◆      | ◆        | ◆         | ◆           | ◆   | ◆                    |
| 螺纹端子式电容   | ◆   | ◆                                     | ◆                 | ◆     |        |          |           |             |     |                      |
| 卡入式电容     | ◆   | ◆                                     | ◆                 | ◆     | ◆      | ◆        | ◆         | ◆           | ◆   | ◆                    |
| 表面贴装电容    | ◆   | ◆                                     | ◆                 | ◆     | ◆      | ◆        | ◆         | ◆           | ◆   | ◆                    |

薄膜和云母电容

|               | API Technologies - Spectrum Control | AVX | Cornell Dubilier | KEMET | Nichicon | Panasonic | TDK - EPCOS | Vishay | Vishay - Bcomponents | Vishay - Roederstein | WIMA |
|---------------|-------------------------------------|-----|------------------|-------|----------|-----------|-------------|--------|----------------------|----------------------|------|
| 薄膜电容          |                                     |     |                  |       |          |           |             |        |                      |                      |      |
| 马达运转电容        |                                     | ◆   | ◆                | ◆     | ◆        | ◆         | ◆           | ◆      | ◆                    | ◆                    | ◆    |
| 聚酯电容          | ◆                                   | ◆   | ◆                | ◆     | ◆        | ◆         | ◆           | ◆      | ◆                    | ◆                    | ◆    |
| 聚丙烯电容         | ◆                                   | ◆   | ◆                | ◆     | ◆        | ◆         | ◆           | ◆      | ◆                    | ◆                    | ◆    |
| 功率薄膜电容        | ◆                                   | ◆   | ◆                | ◆     | ◆        | ◆         | ◆           | ◆      | ◆                    | ◆                    | ◆    |
| 缓冲电容          | ◆                                   | ◆   | ◆                | ◆     | ◆        | ◆         | ◆           | ◆      | ◆                    | ◆                    | ◆    |
| 抑制X-Y电容 (安全帽) | ◆                                   | ◆   | ◆                | ◆     | ◆        | ◆         | ◆           | ◆      | ◆                    | ◆                    | ◆    |
| 表面贴装电容        | ◆                                   | ◆   | ◆                | ◆     | ◆        | ◆         | ◆           | ◆      | ◆                    | ◆                    | ◆    |
| 云母电容          |                                     |     |                  |       |          |           |             |        |                      |                      |      |
| 金属包层电容        |                                     | ◆   |                  |       |          |           |             |        |                      |                      |      |
| 云母电容          |                                     | ◆   |                  |       |          |           |             |        |                      |                      |      |
| 表面贴装电容        |                                     | ◆   |                  |       |          |           |             |        |                      |                      |      |

钽电容

|             | AVX | KEMET | Panasonic | Vishay |
|-------------|-----|-------|-----------|--------|
| 保形涂层片状电容    | ◆   |       |           | ◆      |
| 浸涂径向电容      | ◆   | ◆     | ◆         | ◆      |
| 故障安全/熔合片状电容 | ◆   | ◆     | ◆         | ◆      |
| 密封通孔电容      | ◆   | ◆     | ◆         | ◆      |
| 高温片状电容      | ◆   | ◆     | ◆         | ◆      |
| 低ESR片式电容    | ◆   | ◆     | ◆         | ◆      |
| 低厚度片式电容     | ◆   | ◆     | ◆         | ◆      |
| 微片式电容       | ◆   | ◆     | ◆         | ◆      |
| 模压片式电容      | ◆   | ◆     | ◆         | ◆      |
| 模压通孔电容      | ◆   | ◆     | ◆         | ◆      |
| 片式钽电容       | ◆   | ◆     | ◆         | ◆      |
| 片式高聚物电容     | ◆   | ◆     | ◆         | ◆      |
| 固态金属外壳通孔电容  | ◆   | ◆     | ◆         | ◆      |
| 超级钽电容       | ◆   | ◆     | ◆         | ◆      |
| 湿式通孔电容      | ◆   | ◆     | ◆         | ◆      |



陶瓷电容

|         | API Technologies - Spectrum Control | AVX | Cornell Dubilier | KEMET | Knowles - Syfer, Novacap, DLI | Murata | TDK - EPCOS | Vishay | Vishay - Bcomponents | Vishay - Ceramite | Vishay - Roederstein | Vishay - Vitramon | United Chemi-com | Yageo |
|---------|-------------------------------------|-----|------------------|-------|-------------------------------|--------|-------------|--------|----------------------|-------------------|----------------------|-------------------|------------------|-------|
| 阵列式电容   | ◆                                   | ◆   | ◆                | ◆     | ◆                             | ◆      | ◆           | ◆      | ◆                    | ◆                 | ◆                    | ◆                 | ◆                | ◆     |
| 2针浸封电容  |                                     | ◆   | ◆                | ◆     | ◆                             | ◆      | ◆           | ◆      | ◆                    | ◆                 | ◆                    | ◆                 | ◆                | ◆     |
| 圆盘形电容   |                                     | ◆   | ◆                | ◆     | ◆                             | ◆      | ◆           | ◆      | ◆                    | ◆                 | ◆                    | ◆                 | ◆                | ◆     |
| 高容量电容   |                                     | ◆   | ◆                | ◆     | ◆                             | ◆      | ◆           | ◆      | ◆                    | ◆                 | ◆                    | ◆                 | ◆                | ◆     |
| 高Q值电容   | ◆                                   | ◆   | ◆                | ◆     | ◆                             | ◆      | ◆           | ◆      | ◆                    | ◆                 | ◆                    | ◆                 | ◆                | ◆     |
| 高温电容    | ◆                                   | ◆   | ◆                | ◆     | ◆                             | ◆      | ◆           | ◆      | ◆                    | ◆                 | ◆                    | ◆                 | ◆                | ◆     |
| 高压电阻    | ◆                                   | ◆   | ◆                | ◆     | ◆                             | ◆      | ◆           | ◆      | ◆                    | ◆                 | ◆                    | ◆                 | ◆                | ◆     |
| 低电感电容   | ◆                                   | ◆   | ◆                | ◆     | ◆                             | ◆      | ◆           | ◆      | ◆                    | ◆                 | ◆                    | ◆                 | ◆                | ◆     |
| 多层电容    | ◆                                   | ◆   | ◆                | ◆     | ◆                             | ◆      | ◆           | ◆      | ◆                    | ◆                 | ◆                    | ◆                 | ◆                | ◆     |
| 射频/微波电容 | ◆                                   | ◆   | ◆                | ◆     | ◆                             | ◆      | ◆           | ◆      | ◆                    | ◆                 | ◆                    | ◆                 | ◆                | ◆     |
| 安全电容    |                                     | ◆   | ◆                | ◆     | ◆                             | ◆      | ◆           | ◆      | ◆                    | ◆                 | ◆                    | ◆                 | ◆                | ◆     |
| 单层电容    |                                     | ◆   | ◆                | ◆     | ◆                             | ◆      | ◆           | ◆      | ◆                    | ◆                 | ◆                    | ◆                 | ◆                | ◆     |
| 开关模式电容  | ◆                                   | ◆   | ◆                | ◆     | ◆                             | ◆      | ◆           | ◆      | ◆                    | ◆                 | ◆                    | ◆                 | ◆                | ◆     |
| 尖塞和环式电容 |                                     | ◆   | ◆                | ◆     | ◆                             | ◆      | ◆           | ◆      | ◆                    | ◆                 | ◆                    | ◆                 | ◆                | ◆     |
| 微调电容    |                                     | ◆   | ◆                | ◆     | ◆                             | ◆      | ◆           | ◆      | ◆                    | ◆                 | ◆                    | ◆                 | ◆                | ◆     |

● 提供含铅及无铅兼容部件 ◆ 只提供无铅部件 ▲ 只提供含铅兼容部件

电路保护和电磁元件

保护元件

|                 | AVX | Bourns | Eaton - Bussmann | KOA | Littelfuse | Littelfuse - Teccor | Murata | Panasonic | ROHM Semiconductors | TDK | TDK - EPCOS | United Chemi-Con | Vishay | Vishay - Dale | Yageo |
|-----------------|-----|--------|------------------|-----|------------|---------------------|--------|-----------|---------------------|-----|-------------|------------------|--------|---------------|-------|
| 过流保护元件          |     |        |                  |     |            |                     |        |           |                     |     |             |                  |        |               |       |
| 车用(刀片式)保险丝      |     |        | ◆                |     | ◆          |                     |        |           |                     |     |             |                  |        |               |       |
| 轴向保险丝           |     |        | ◆                |     | ◆          |                     |        |           |                     |     |             |                  |        |               |       |
| 管状保险丝           |     |        | ●                |     | ◆          |                     |        |           |                     |     |             |                  |        |               |       |
| NTC热敏电阻         | ●   |        |                  | ◆   |            |                     | ◆      | ◆         |                     | ◆   | ◆           |                  | ●      | ●             | ◆     |
| 电源(电气)保险丝       |     |        | ●                |     | ●          |                     |        |           |                     |     |             |                  |        |               |       |
| PTC热敏电阻         |     | ◆      |                  | ◆   |            |                     | ◆      |           |                     | ◆   | ◆           |                  | ●      | ●             |       |
| 径向引线自恢复保险丝(PTC) |     | ◆      | ◆                |     | ◆          |                     |        |           |                     |     |             |                  |        |               | ◆     |
| 径向微型保险丝         |     |        | ◆                |     | ◆          |                     |        |           |                     |     |             |                  |        |               |       |
| 表面贴装自恢复保险丝(PTC) |     | ◆      | ◆                | ◆   | ◆          |                     |        |           |                     |     |             |                  |        |               | ◆     |
| 表面贴装(125V+)保险丝  |     | ◆      | ●                | ◆   | ●          |                     |        |           |                     |     |             |                  |        |               |       |
| 热熔断路器(TCO)      |     | ◆      |                  | ◆   | ◆          |                     |        | ◆         |                     |     |             |                  |        |               |       |
| 薄膜(片式)保险丝       | ●   | ◆      | ◆                | ◆   | ◆          |                     |        | ◆         |                     |     |             |                  | ◆      |               |       |
| 过压保护元件          |     |        |                  |     |            |                     |        |           |                     |     |             |                  |        |               |       |
| 气体放电管(GDT)      |     | ●      |                  |     | ◆          |                     |        |           |                     | ◆   |             |                  |        |               | ◆     |
| 混合GDT/MOV       |     | ◆      |                  |     | ◆          |                     |        |           |                     |     |             |                  |        |               |       |
| 线路保护网络          |     | ◆      |                  |     | ◆          |                     |        |           |                     |     |             |                  |        |               |       |
| 聚合物ESD抑制器       |     |        | ◆                | ◆   | ◆          |                     |        |           |                     |     |             |                  |        |               |       |
| 保护型晶闸管          |     | ◆      |                  |     | ◆          |                     |        |           |                     |     |             |                  |        |               | ●     |
| 表面贴装压敏电阻(MLV)   | ◆   | ◆      | ◆                | ◆   | ◆          |                     | ◆      |           | ◆                   | ◆   |             | ◆                |        |               |       |
| 热MOV            |     |        |                  |     | ◆          |                     |        |           |                     |     | ◆           | ◆                |        |               |       |
| 通孔压敏电阻(MOV)     |     | ◆      |                  | ◆   |            |                     | ◆      |           |                     |     |             | ◆                | ◆      |               | ◆     |
| TVS二极管          | ◆   | ◆      | ◆                |     | ◆          |                     | ◆      | ◆         |                     |     |             | ◆                |        | ●             |       |
| TVS二极管阵列        |     | ◆      |                  | ◆   | ◆          |                     |        | ◆         |                     |     |             |                  | ◆      | ●             |       |

滤波器

EMI/RFI  
射频滤波器  
射频无线产品

|            | Abracon | Amphenol RF | API Technologies - Spectrum Control | AVX | KEMET - NEC TOKIN | Knowles - Precision Devices | Molex | Murata | Panasonic | Phoenix Contact | Pulse | TDK - EPCOS | TE Connectivity | TE Connectivity - Corcom | Yageo |
|------------|---------|-------------|-------------------------------------|-----|-------------------|-----------------------------|-------|--------|-----------|-----------------|-------|-------------|-----------------|--------------------------|-------|
| 放大器        |         |             | ●                                   |     |                   |                             |       | ●      |           |                 |       |             |                 |                          |       |
| 天线         | ●       | ●           | ●                                   | ●   |                   |                             | ●     | ●      |           | ●               | ●     | ●           | ●               |                          | ●     |
| 衰减器        |         |             | ●                                   |     |                   |                             |       |        |           |                 |       |             |                 |                          |       |
| 耦合器        |         |             | ●                                   | ●   |                   |                             |       | ●      |           |                 | ●     | ●           |                 |                          |       |
| EMI吸收器     |         |             |                                     |     | ◆                 |                             |       |        |           |                 |       |             |                 |                          |       |
| EMI/RFI滤波器 | ●       | ●           | ●                                   | ●   | ●                 | ●                           |       | ●      | ●         |                 | ●     | ●           | ◆               |                          | ●     |
| 馈通滤波器      |         |             | ●                                   | ●   |                   | ●                           |       | ●      |           |                 |       | ●           |                 | ◆                        |       |
| 电磁噪声抑制片    |         |             |                                     |     | ◆                 |                             |       |        |           |                 | ●     | ●           | ◆               |                          |       |
| 射频/微波滤波器   |         |             | ●                                   | ●   |                   |                             |       | ●      |           |                 | ●     | ●           |                 |                          | ●     |
| 射频模块滤波器    |         |             |                                     |     |                   |                             |       | ●      | ●         |                 |       | ●           |                 |                          |       |
| SAW滤波器     | ●       |             | ●                                   | ◆   |                   |                             |       | ◆      |           |                 | ◆     |             |                 |                          |       |
| 表面贴装滤波器    |         |             | ●                                   | ●   |                   | ●                           |       | ●      | ●         |                 | ●     | ●           |                 |                          | ●     |

电源断路器

|            | Murata Power Solutions | Omron Automation & Safety | Panasonic | Phoenix Contact | TDK |
|------------|------------------------|---------------------------|-----------|-----------------|-----|
| AC/DC电源    | ◆                      | ◆                         |           | ◆               |     |
| DC/DC电源转换器 | ◆                      | ◆                         | ◆         |                 |     |
| DC/AC电源逆变器 |                        |                           |           |                 | ◆   |

磁性元件

铁氧体  
电感  
变压器

|             | Abracon | API Delevan | API Technologies - Spectrum Control | AVX | Bourns - JW Miller | Eaton - Coiltronics | KEMET - NEC TOKIN | KOA | Murata | Panasonic | Pulse | PulseR | TDK - EPCOS | TT Electronics - BI Technologies | Vishay - Dale | Yageo |
|-------------|---------|-------------|-------------------------------------|-----|--------------------|---------------------|-------------------|-----|--------|-----------|-------|--------|-------------|----------------------------------|---------------|-------|
| 空气线圈电感      | ●       | ●           | ●                                   | ◆   |                    |                     |                   |     |        |           |       |        |             |                                  |               | ◆     |
| 共模扼流圈       | ●       | ●           | ●                                   | ◆   | ◆                  | ◆                   | ◆                 | ◆   | ◆      | ◆         | ◆     | ◆      | ◆           | ◆                                | ◆             |       |
| 定制电感        | ●       | ●           | ●                                   |     | ◆                  | ◆                   | ◆                 |     | ◆      |           | ◆     | ◆      | ◆           | ◆                                | ◆             |       |
| 铁氧体磁珠       | ●       | ◆           |                                     |     | ◆                  |                     | ◆                 |     |        | ◆         |       |        | ◆           | ◆                                | ◆             | ◆     |
| 铁氧体磁芯/箱位滤波器 |         | ◆           | ●                                   |     | ◆                  |                     |                   | ◆   |        |           |       |        | ◆           |                                  |               |       |
| 高电流电感       | ●       | ●           | ●                                   | ◆   | ◆                  | ◆                   | ◆                 | ◆   | ◆      | ◆         | ◆     | ◆      | ◆           | ◆                                | ◆             | ◆     |
| 引线电感        | ●       | ●           | ●                                   |     | ◆                  | ◆                   | ◆                 |     | ◆      |           | ◆     | ◆      | ◆           | ◆                                | ◆             | ◆     |
| 多层电感        | ●       | ●           | ●                                   | ◆   | ◆                  | ◆                   | ◆                 |     | ◆      |           | ◆     | ◆      | ◆           | ◆                                | ◆             | ◆     |
| 电源电感        | ●       | ●           | ●                                   | ◆   | ◆                  | ◆                   | ◆                 | ●   | ◆      |           | ◆     | ◆      | ◆           | ◆                                | ◆             | ◆     |
| 射频电感        | ●       | ●           | ●                                   | ◆   | ◆                  | ◆                   | ◆                 | ◆   | ◆      |           | ◆     | ◆      | ◆           | ◆                                | ◆             | ◆     |
| 薄膜电感        | ●       |             |                                     | ●   |                    |                     |                   | ◆   | ◆      |           |       | ◆      |             |                                  |               |       |
| Toroid电感    | ●       | ●           | ●                                   |     | ◆                  | ◆                   | ◆                 |     | ◆      |           | ◆     | ◆      | ◆           | ◆                                |               |       |
| 变压器         | ●       | ●           | ●                                   |     | ◆                  | ◆                   | ●                 |     | ◆      |           | ◆     | ◆      | ◆           | ◆                                | ◆             |       |
| 绕线电感/线圈电感   | ●       | ●           | ●                                   | ◆   | ◆                  | ◆                   | ◆                 | ◆   | ◆      | ◆         | ◆     | ◆      | ◆           | ◆                                | ◆             | ◆     |

压电薄膜传感器

声音元件

|        | Murata | TDK | TE Sensor |
|--------|--------|-----|-----------|
| 蜂鸣器    | ●      | ●   |           |
| 压电声音元件 |        | ●   |           |
| 受话器    | ●      |     |           |
| 振铃器    | ●      |     |           |
| 传感器    | ●      | ●   | ◆         |
| 发声器    |        |     |           |
| 扬声器    | ●      |     |           |

热管理元件

|           | Ohmite | Panasonic |
|-----------|--------|-----------|
| 挤压散热器     | ●      |           |
| 液体冷却板     | ●      |           |
| 液体冷却      | ●      |           |
| 热间隙填充剂/贴装 |        |           |
| 热解决方案石墨板  |        | ●         |

时间控制装置

频率控制

|     | Abracon | API Technologies | Kyocera | Murata | Vishay - Dale |
|-----|---------|------------------|---------|--------|---------------|
| 晶体  | ●       | ●                | ●       | ●      | ●             |
| 振荡器 | ●       | ●                | ●       | ●      | ●             |
| 谐振器 | ●       |                  | ●       | ●      |               |
| 音叉  | ●       |                  |         |        | ●             |

● 提供含铅及无铅兼容部件 ◆ 只提供无铅部件

连接器

背板连接器  
板对板连接器  
设备对板连接器

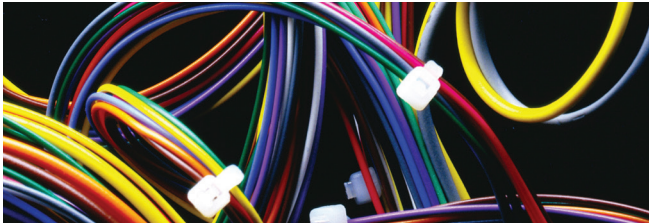
|                   | 3M | AirBorn | Amphenol | Amphenol Commercial | Amphenol FCI | Amphenol Pod | Amphenol TCS | AVX - Elco | Bourns | Harwin | ITT Cannon | Molex | Omron | Panasonic | Souriau | TE Connectivity |
|-------------------|----|---------|----------|---------------------|--------------|--------------|--------------|------------|--------|--------|------------|-------|-------|-----------|---------|-----------------|
| 背板连接器             |    |         |          |                     |              |              |              |            |        |        |            |       |       |           |         |                 |
| 10 Gb/s+解决方案      | ◆  | ◆       | ◆        |                     | ◆            |              |              |            |        |        | ◆          | ◆     |       |           |         | ◆               |
| 2.00 mm (0.079英寸) |    |         |          |                     |              |              |              |            |        |        |            |       |       |           |         |                 |
| AOC组件             | ◆  |         |          | ◆                   | ◆            |              |              |            |        |        |            | ◆     |       |           |         | ◆               |
| 组件(背板)            | ◆  |         |          |                     |              |              |              |            |        |        |            | ◆     |       |           |         | ◆               |
| ATCA/微型TCA        | ◆  |         |          |                     | ◆            |              |              |            |        |        |            |       |       |           |         | ◆               |
| 电缆组件              | ◆  | ◆       |          |                     | ◆            |              |              |            |        |        | ◆          | ◆     |       |           |         | ◆               |
| 缘卡连接器             | ◆  | ◆       | ◆        |                     | ◆            |              |              |            |        |        | ◆          |       |       |           |         | ◆               |
| 紧凑型PCI            | ◆  |         | ◆        |                     | ◆            |              |              |            |        |        | ◆          |       |       |           |         | ◆               |
| DIN 41612 (欧洲卡)   | ◆  |         |          |                     | ◆            |              | ◆            |            |        |        |            | ◆     |       |           |         | ◆               |
| 光纤                |    |         |          |                     |              | ◆            |              |            |        |        |            | ◆     |       |           |         | ◆               |
| Future Bus        | ◆  |         |          |                     | ◆            |              |              |            |        |        |            | ◆     |       |           |         | ◆               |
| 硬公制连接器            | ◆  |         |          |                     | ◆            |              |              |            |        |        |            | ◆     |       |           |         | ◆               |
| 高速电缆组件            | ◆  |         |          | ◆                   | ◆            |              |              |            |        |        |            |       |       |           |         | ◆               |
| PCI Express       | ◆  |         | ◆        |                     | ◆            |              |              |            |        |        | ◆          | ◆     |       |           |         | ◆               |
| 电源                | ◆  | ◆       |          | ◆                   | ◆            | ◆            |              | ◆          |        |        |            | ◆     |       |           |         | ◆               |
| 射频/成组射频           |    |         | ◆        |                     | ◆            |              |              |            |        |        |            | ◆     |       |           |         | ◆               |
| SCA-2             |    |         |          | ◆                   | ◆            |              |              |            |        |        |            | ◆     |       |           |         | ◆               |
| 板对板连接器            |    |         |          |                     |              |              |              |            |        |        |            |       |       |           |         |                 |
| 球栅阵列(BGA)         | ◆  |         |          |                     | ◆            | ●            |              |            |        |        |            | ◆     |       |           |         | ◆               |
| 电池连接器             |    |         |          |                     | ◆            |              | ◆            | ◆          |        |        |            | ◆     |       |           |         | ◆               |
| 电路板相叠             | ◆  | ●       |          |                     | ◆            | ●            | ◆            |            |        | ◆      |            | ◆     |       |           |         | ◆               |
| 分离头               |    |         | ◆        |                     | ◆            |              |              |            |        |        |            | ◆     |       |           |         | ◆               |
| 压缩元件              | ◆  | ◆       |          |                     | ◆            |              | ◆            |            |        |        |            | ◆     |       |           |         | ◆               |
| 插头和插座             | ◆  |         | ◆        |                     | ◆            | ◆            |              |            |        |        | ◆          |       |       |           |         | ◆               |
| 夹层板/FPC           | ◆  |         |          |                     | ◆            | ◆            | ●            |            |        | ◆      |            | ◆     | ◆     |           |         | ◆               |
| 电源                | ◆  | ◆       | ◆        | ◆                   | ◆            | ◆            | ●            | ◆          |        | ◆      | ◆          | ◆     |       |           |         | ◆               |
| SCSI              | ◆  |         | ◆        |                     | ◆            |              |              |            |        |        |            | ◆     |       |           |         | ◆               |
| 分流器               | ◆  |         | ◆        |                     | ◆            |              |              |            |        |        |            | ◆     |       |           |         | ◆               |
| 相叠                | ◆  | ◆       | ◆        |                     | ◆            | ●            | ◆            |            |        | ◆      |            | ◆     |       |           |         | ◆               |
| 设备对板连接器           |    |         |          |                     |              |              |              |            |        |        |            |       |       |           |         |                 |
| AOC组件             | ◆  |         |          | ◆                   | ◆            |              |              |            |        |        |            | ◆     |       |           |         | ◆               |
| DIMM              |    |         |          |                     | ◆            |              |              |            |        |        |            | ◆     |       |           |         | ◆               |
| DIP               | ◆  |         |          |                     | ◆            |              |              |            |        | ◆      |            |       |       |           |         | ◆               |
| 高速电缆组件            | ◆  |         |          | ◆                   |              |              |              |            |        |        |            | ◆     |       |           |         | ◆               |
| PCMCIA            | ◆  |         |          |                     | ◆            |              |              |            |        |        |            | ◆     |       |           |         | ◆               |
| PGA               | ◆  |         |          |                     |              |              |              |            |        |        |            | ◆     |       |           |         | ◆               |
| PLCC              | ◆  |         |          |                     | ◆            |              |              |            |        | ◆      |            |       |       |           |         | ◆               |
| Rambus            |    |         |          |                     |              |              |              |            |        |        |            |       |       |           |         | ◆               |
| RIMM/DIMM/SIMM    |    |         |          |                     | ◆            |              |              |            |        |        |            | ◆     |       |           |         | ◆               |
| 旋转反锁              |    |         |          |                     |              |              |              |            |        |        |            |       |       | ◆         |         | ◆               |
| SIP               | ◆  |         |          |                     |              |              |              |            |        | ◆      |            |       |       |           |         | ◆               |
| 插槽1和2             |    |         |          |                     |              |              |              |            |        |        |            |       |       |           |         | ◆               |
| SO DIMM和RIMM      |    |         |          |                     | ◆            |              |              |            |        |        |            | ◆     |       |           |         | ◆               |
| 测试/老化插座           | ◆  |         |          |                     |              |              |              |            |        |        |            |       |       |           |         | ◆               |
| 晶体管               |    |         |          |                     |              |              |              |            |        |        |            |       |       |           |         | ◆               |



● 提供含铅及无铅兼容部件 ◆ 只提供无铅部件

线对板连接器  
线对线连接器

|                    | 3M | AirBorn | Amphenol | Amphenol FCI | AVX - Elco | Glenair | Harwin | ITT Cannon | Molex | Phoenix Contact | Souriau | TE Connectivity |
|--------------------|----|---------|----------|--------------|------------|---------|--------|------------|-------|-----------------|---------|-----------------|
| 100 mm (0.039英寸)   |    | ◆       |          | ◆            |            |         | ◆      |            | ◆     |                 |         | ◆               |
| 1.25 mm (0.049英寸)  |    |         |          | ◆            |            |         | ◆      |            | ◆     |                 |         | ◆               |
| 1.27 mm (0.050英寸)  |    |         |          | ◆            |            |         | ◆      |            | ◆     |                 |         | ◆               |
| 2.00 mm (0.079英寸)  |    |         |          | ◆            |            |         | ◆      |            | ◆     | ◆               |         | ◆               |
| 2.50 mm (0.098英寸)  |    |         |          |              | ◆          |         |        |            | ◆     | ◆               |         | ◆               |
| 2.54 mm (0.100英寸)  | ◆  | ●       |          | ◆            |            | ◆       |        |            | ◆     | ◆               |         | ◆               |
| 3.00 mm (0.118英寸)  | ◆  |         |          | ◆            |            |         |        |            | ◆     |                 |         | ◆               |
| 3.68 mm (0.145英寸)  |    |         |          |              |            |         |        |            |       |                 |         | ◆               |
| 3.96 mm (0.156英寸)  |    |         |          |              |            |         |        |            | ◆     |                 |         | ◆               |
| 4.00 mm (0.157英寸)  |    |         |          |              | ◆          |         |        |            |       |                 |         | ◆               |
| 4.20 mm (0.165英寸)  |    |         |          |              |            |         |        |            | ◆     |                 |         | ◆               |
| 5.00 mm (0.197英寸)  |    |         |          |              |            |         |        |            | ◆     | ◆               |         | ◆               |
| 5.03 mm (0.198英寸)  |    |         |          |              |            |         |        |            | ◆     |                 |         | ◆               |
| 5.08 mm (0.200英寸)  |    |         |          |              |            |         |        |            | ◆     | ◆               |         | ◆               |
| 6.35 mm (0.250英寸)  |    |         |          |              |            |         |        |            | ◆     | ◆               |         | ◆               |
| 7.50 mm (0.295英寸)  |    |         |          |              |            |         |        |            | ◆     | ◆               |         | ◆               |
| 9.00 mm (0.354英寸)  |    |         |          |              | ◆          |         |        |            |       |                 |         | ◆               |
| 10.00 mm (0.393英寸) |    |         |          |              |            |         |        |            |       | ◆               |         | ◆               |
| 母线                 |    |         |          | ◆            |            |         |        | ◆          |       | ◆               |         | ◆               |
| 电缆组件               |    | ◆       | ◆        | ◆            |            |         | ◆      | ◆          | ◆     | ◆               | ◆       | ◆               |
| 离散电线               | ◆  |         |          | ◆            | ◆          |         | ◆      |            | ◆     | ◆               | ◆       | ◆               |
| FFC/FPC            |    |         |          | ◆            |            |         |        |            | ◆     |                 |         | ◆               |
| IDC离散电线            | ◆  |         |          | ◆            | ◆          |         | ◆      |            | ◆     | ◆               |         | ◆               |
| IDC/集体端接           | ◆  |         | ◆        | ◆            | ◆          |         | ◆      |            | ◆     | ◆               |         | ◆               |
| Mini D带状电缆/Champ   | ◆  |         | ◆        |              |            |         |        |            |       |                 |         | ◆               |
| 电源                 | ◆  | ◆       |          | ◆            | ◆          | ◆       | ◆      | ◆          | ◆     | ◆               |         | ◆               |
| SATA/SAS/Mini SATA | ◆  | ◆       | ◆        |              |            |         |        |            | ◆     |                 |         | ◆               |
| SCSI I, II, III    | ◆  |         | ◆        |              |            |         |        |            | ◆     |                 |         | ◆               |



记忆卡  
连接器

|                    | 3M | Amphenol | Amphenol FCI | AVX - Elco | C&K Components | Molex | TE Connectivity |
|--------------------|----|----------|--------------|------------|----------------|-------|-----------------|
| CompactFlash™      | ◆  | ◆        | ◆            | ◆          |                | ◆     | ◆               |
| DDR/DDR2/Mini DDR2 |    |          |              | ◆          |                | ◆     | ◆               |
| Express卡           |    |          |              | ◆          |                | ◆     | ◆               |
| 全尺寸卡               |    |          |              |            | ◆              |       | ◆               |
| 记忆棒/双核             |    |          |              | ◆          |                | ◆     | ◆               |
| Micro SD卡          |    |          |              | ◆          |                | ◆     | ◆               |
| Mini SD卡           |    |          |              | ◆          |                | ◆     | ◆               |
| MMC卡               |    | ◆        |              |            |                | ◆     | ◆               |
| PC卡/CardBus        | ◆  | ◆        | ◆            |            |                | ◆     | ◆               |
| PCMCIA             | ◆  | ◆        | ◆            |            |                | ◆     | ◆               |
| SD (安全数字) 卡        | ◆  |          | ◆            |            |                | ◆     | ◆               |
| 智能卡(SAM)           |    |          |              |            | ◆              |       | ◆               |
| 智能卡(SIM)           |    | ◆        | ◆            | ◆          |                | ◆     | ◆               |
| TransF             |    | ◆        |              |            |                |       | ◆               |
| xD                 |    | ◆        |              |            |                |       | ◆               |

CompactFlash™是Compact Flash Association的商标

连接器

| 端子板 | Amphenol FCI               | Amphenol Pcd | API Technologies - Spectrum Control |   | Molex - Beau | Phoenix Contact | Souriau | TE Connectivity |
|-----|----------------------------|--------------|-------------------------------------|---|--------------|-----------------|---------|-----------------|
|     |                            |              | ◆                                   | ◆ |              |                 |         | ◆               |
|     | 屏蔽带                        |              |                                     |   | ◆            | ◆               |         | ◆               |
|     | Europa                     |              |                                     |   |              |                 |         | ◆               |
|     | 欧式 - 固定/可插拔                | ◆            | ◆                                   | ◆ | ◆            | ◆               |         | ◆               |
|     | 2.54/3.50/3.81/5.0/5.08 mm | ◆            | ◆                                   |   | ◆            | ◆               |         | ◆               |
|     | 滤波                         |              |                                     | ◆ |              |                 |         |                 |
|     | 接口模块                       |              | ◆                                   |   |              | ◆               |         |                 |
|     | NEMA                       |              |                                     |   |              |                 |         | ◆               |
|     | 酚醛材质元件                     |              |                                     |   | ◆            |                 |         | ◆               |
| 按钮  |                            |              |                                     |   | ◆            |                 |         |                 |
|     | 导轨安装元件                     |              | ◆                                   |   |              | ◆               | ◆       | ◆               |
|     | 螺纹端子                       | ◆            | ◆                                   | ◆ | ◆            | ◆               | ◆       | ◆               |
|     | 弹簧夹                        | ◆            | ◆                                   |   | ◆            | ◆               |         | ◆               |

| 特殊产品 | 3M     | AirBorn | Amphenol | Amphenol Commercial | Amphenol FCI | Amphenol PCD | API Technologies - Spectrum Control |   | API Technologies - formerly Delphi Connection Systems) | AVX - Elco | Bourns | Glenair | Harwin | Hellerman Tyton | ITT Cannon | Molex | Omron | Panasonic | Phoenix Contact | Souriau | TE Connectivity |
|------|--------|---------|----------|---------------------|--------------|--------------|-------------------------------------|---|--------------------------------------------------------|------------|--------|---------|--------|-----------------|------------|-------|-------|-----------|-----------------|---------|-----------------|
|      |        |         |          |                     |              |              |                                     |   |                                                        |            |        |         |        |                 |            |       |       |           |                 |         |                 |
|      | 汽车     |         |          | ◆                   |              |              | ◆                                   | ◆ | ◆                                                      | ◆          |        |         |        | ◆               | ◆          | ◆     |       |           |                 |         | ◆               |
|      | 电池     |         |          | ◆                   |              |              |                                     |   |                                                        |            | ◆      |         | ◆      |                 |            | ◆     |       |           |                 | ◆       | ◆               |
|      | COTS   |         | ◆        | ◆                   |              | ◆            |                                     | ◆ |                                                        | ◆          |        | ◆       | ◆      |                 | ◆          | ◆     |       |           |                 | ◆       | ◆               |
|      | EMI屏蔽  | ◆       | ◆        | ◆                   |              | ◆            | ◆                                   |   |                                                        |            |        |         | ◆      |                 |            | ◆     |       |           |                 | ◆       | ◆               |
|      | 滤波     |         |          | ◆                   |              |              | ◆                                   |   |                                                        |            |        |         |        |                 |            | ◆     |       |           |                 | ◆       | ◆               |
|      | 恶劣环境   | ◆       | ◆        |                     | ◆            |              |                                     |   |                                                        | ◆          |        |         | ◆      | ◆               |            | ◆     |       |           |                 | ◆       | ◆               |
|      | 密封     |         | ◆        | ◆                   |              |              | ◆                                   |   |                                                        |            |        | ◆       |        |                 | ◆          |       |       |           |                 | ◆       | ◆               |
|      | 高压     |         | ◆        | ◆                   | ◆            |              |                                     | ◆ | ◆                                                      | ◆          |        |         |        |                 |            | ◆     |       |           | ◆               | ◆       | ◆               |
| 工业   |        | ◆       |          |                     |              | ◆            | ◆                                   |   | ◆                                                      | ◆          |        | ◆       |        | ◆               |            | ◆     | ◆     |           |                 | ◆       | ◆               |
|      | LED连接器 |         |          |                     | ◆            |              |                                     |   |                                                        | ◆          |        |         |        |                 | ◆          | ◆     |       | ◆         | ◆               | ◆       | ◆               |
|      | M8/M12 |         |          |                     |              |              |                                     |   |                                                        |            |        |         |        |                 | ◆          | ◆     | ◆     |           | ◆               | ◆       | ◆               |
|      | 微型/纳米  | ◆       | ◆        | ◆                   | ◆            | ◆            |                                     |   |                                                        |            |        |         |        |                 | ◆          | ◆     |       |           | ◆               | ◆       | ◆               |



| 输入/输出连接元件   | 3M                   | Abracon | AirBorn | Amphenol | Amphenol Commercial | Amphenol FCI | Amphenol Pcd | API Technologies - Spectrum Control |   | AVX - Elco | Glenair | Harwin | ITT Cannon | Molex | Omron | Panasonic | Phoenix Contact | Pulse | Souriau | TE Connectivity |
|-------------|----------------------|---------|---------|----------|---------------------|--------------|--------------|-------------------------------------|---|------------|---------|--------|------------|-------|-------|-----------|-----------------|-------|---------|-----------------|
|             |                      |         |         |          |                     |              |              |                                     |   |            |         |        |            |       |       |           |                 |       |         |                 |
|             | 1394和1394b           | ◆       |         |          | ◆                   | ◆            |              |                                     | ◆ | ◆          |         |        | ◆          | ◆     |       |           |                 |       | ◆       | ◆               |
|             | 音频                   |         |         |          | ◆                   |              |              | ◆                                   | ◆ |            |         |        | ◆          |       |       |           |                 |       |         | ◆               |
|             | 摄像头连接                |         |         |          |                     |              |              |                                     |   |            |         |        |            |       |       |           |                 |       |         |                 |
|             | 微型摄像头连接              | ◆       |         |          |                     |              |              |                                     |   |            |         |        |            |       |       |           |                 |       |         |                 |
|             | 环形连接元件               | ◆       |         |          | ◆                   |              |              | ◆                                   | ◆ |            | ◆       | ◆      | ◆          | ◆     |       |           | ◆               |       | ◆       | ◆               |
|             | Combo I/O            | ◆       |         |          |                     | ◆            | ◆            |                                     |   |            |         | ◆      |            | ◆     |       |           |                 |       | ◆       | ◆               |
|             | 显示端口                 |         |         |          |                     | ◆            | ◆            |                                     |   |            |         |        |            | ◆     |       |           |                 |       |         | ◆               |
|             | D-Subminiature接口     | ◆       |         |          | ◆                   | ◆            | ◆            |                                     | ◆ |            |         |        | ◆          | ◆     |       |           | ◆               |       | ◆       | ◆               |
| DVI         |                      |         |         | ◆        |                     | ◆            |              |                                     |   |            |         |        | ◆          |       | ◆     |           |                 |       |         | ◆               |
|             | 光纤通道                 |         |         |          | ◆                   | ◆            |              |                                     |   |            |         |        | ◆          | ◆     |       |           |                 |       | ◆       | ◆               |
|             | 光纤                   | ◆       |         |          | ◆                   | ◆            |              |                                     |   |            |         |        | ◆          | ◆     |       |           | ◆               |       | ◆       | ◆               |
|             | 滤波I/O                | ◆       |         |          |                     | ◆            |              |                                     |   |            |         |        |            | ◆     |       |           |                 |       | ◆       | ◆               |
| HDMI/微型HDMI |                      |         |         |          | ◆                   | ◆            |              |                                     |   |            |         |        | ◆          | ◆     |       |           |                 |       |         | ◆               |
|             | IPass                |         |         |          |                     | ◆            | ◆            |                                     |   |            |         |        |            | ◆     |       |           |                 |       |         | ◆               |
|             | InfiniBand®          |         |         |          | ◆                   | ◆            | ◆            |                                     |   |            |         |        | ◆          | ◆     |       |           |                 |       |         | ◆               |
|             | M12/M12D/M8          |         |         |          |                     |              |              |                                     |   |            |         |        |            | ◆     | ◆     |           | ◆               |       |         | ◆               |
| Micro D     |                      |         |         | ◆        | ◆                   |              |              |                                     | ◆ |            | ◆       |        | ◆          | ◆     |       |           |                 |       |         | ◆               |
|             | 微型DIN接口/环形DIN接口      |         |         |          | ◆                   |              |              |                                     | ◆ |            |         |        | ◆          |       |       |           |                 |       |         | ◆               |
|             | 微型D-Subminiature接口   |         |         |          |                     |              |              |                                     |   |            | ◆       |        |            | ◆     |       |           |                 |       |         | ◆               |
|             | 移动系统                 |         |         |          |                     |              |              |                                     |   |            |         |        |            | ◆     |       |           |                 |       | ◆       | ◆               |
| 模块化插头和插座    |                      | ◆       |         |          | ◆                   | ◆            | ◆            |                                     |   |            |         |        | ◆          | ◆     |       |           |                 |       | ◆       | ◆               |
|             | PCI Express          |         |         |          |                     | ◆            | ◆            |                                     |   |            |         |        |            | ◆     |       |           |                 |       |         | ◆               |
|             | 电源                   | ◆       |         |          | ◆                   | ◆            | ◆            |                                     | ◆ | ◆          |         |        | ◆          | ◆     |       |           | ◆               |       | ◆       | ◆               |
|             | 推挽式                  |         |         |          |                     |              |              |                                     |   |            |         |        |            | ◆     |       |           | ◆               |       | ◆       | ◆               |
| 矩形接口        |                      | ◆       |         | ◆        | ◆                   |              | ◆            |                                     |   |            |         | ◆      | ◆          | ◆     |       |           | ◆               |       | ◆       | ◆               |
|             | 射频/同轴电缆/微波           |         |         |          | ◆                   |              |              |                                     |   |            |         |        | ◆          | ◆     |       | ◆         | ◆               |       | ◆       | ◆               |
|             | RJ/工业以太网             |         | ◆       |          | ◆                   | ◆            | ◆            | ◆                                   | ◆ |            |         |        |            | ◆     | ◆     |           | ◆               | ◆     | ◆       | ◆               |
|             | SATA/SAS/Mini SATA   | ◆       |         |          | ◆                   | ◆            | ◆            |                                     |   |            |         |        |            | ◆     | ◆     |           |                 |       |         | ◆               |
| SCSI        |                      | ◆       |         |          | ◆                   | ◆            | ◆            |                                     |   |            |         |        |            | ◆     | ◆     |           |                 |       |         | ◆               |
|             | SFP/XFP              |         |         |          |                     | ◆            | ◆            |                                     |   |            |         |        |            |       | ◆     |           |                 |       |         | ◆               |
|             | TDP                  |         |         |          |                     |              |              |                                     |   |            |         |        |            |       | ◆     |           |                 |       |         | ◆               |
|             | USB/Mini USB/USB OTG |         |         |          | ◆                   | ◆            | ◆            | ◆                                   | ◆ | ◆          |         |        |            | ◆     | ◆     |           | ◆               |       | ◆       | ◆               |

InfiniBand® 是InfiniBand Trade Association的商标

射频/同轴电缆/微波

|                   | 3M | AirBorn | Amphenol Aerospace | Amphenol RF | Amphenol SV Microwave | Molex | TE Connectivity |
|-------------------|----|---------|--------------------|-------------|-----------------------|-------|-----------------|
| 1.0/2.3           |    |         |                    | ◆           |                       | ◆     | ◆               |
| 1.6/5.6           |    |         |                    | ◆           |                       | ◆     | ◆               |
| 7/16              |    |         |                    | ◆           |                       | ◆     | ◆               |
| BMA               |    |         |                    |             | ◆                     | ◆     | ◆               |
| BNC (50/75Ω)      |    |         |                    | ◆           | ◆                     | ◆     | ◆               |
| BNC (微型)          |    |         |                    | ◆           |                       | ◆     | ◆               |
| 板对板盲插/压缩元件        |    |         |                    |             | ◆                     | ◆     | ◆               |
| BSA               |    |         |                    | ◆           | ◆                     | ◆     | ◆               |
| FAKRA             |    |         |                    |             | ◆                     | ◆     | ◆               |
| MCX/MMCX          |    |         |                    | ◆           |                       | ◆     | ◆               |
| MHV/SHV           |    |         |                    | ◆           |                       | ◆     | ◆               |
| 微波电缆组件            |    |         |                    |             |                       | ◆     | ◆               |
| 精密电阻 <sup>1</sup> |    |         |                    | ◆           |                       | ◆     | ◆               |
| QMA               |    |         |                    | ◆           |                       | ◆     | ◆               |
| 反接 <sup>2</sup>   |    |         |                    | ◆           |                       | ◆     |                 |
| 射频电缆组件            |    |         |                    | ◆           | ◆                     | ◆     | ◆               |
| 屏蔽终端连接器           |    |         |                    | ◆           |                       |       | ◆               |
| SMA               |    |         |                    | ◆           | ◆                     | ◆     | ◆               |
| SMB (50/75Ω)      |    |         |                    | ◆           | ◆                     | ◆     | ◆               |
| SMB (微型)          |    |         |                    | ◆           |                       | ◆     | ◆               |
| SMC               |    |         |                    | ◆           | ◆                     | ◆     | ◆               |
| SMP               |    |         |                    | ◆           | ◆                     | ◆     | ◆               |
| SMT               |    |         |                    | ◆           |                       | ◆     | ◆               |
| SSMA              |    |         |                    |             | ◆                     | ◆     | ◆               |
| TNC               |    |         |                    | ◆           |                       | ◆     | ◆               |
| Triax             |    |         |                    | ◆           | ◆                     | ◆     | ◆               |
| Twinax            | ◆  | ◆       | ◆                  | ◆           | ◆                     | ◆     | ◆               |
| 类型F/G             |    |         |                    | ◆           |                       | ◆     | ◆               |
| 类型N               |    |         |                    | ◆           | ◆                     | ◆     | ◆               |
| UHF/MiniUHF       |    |         |                    | ◆           |                       | ◆     | ◆               |

<sup>1</sup> 2.4/2.9/3.5/7mm  
<sup>2</sup> BNC, MMCX, N, SMA, TNC

音频

|                        | Amphenol Audio | Amphenol Nexus | Amphenol Tuchel | API Technologies - Spectrum Control | TE Connectivity |
|------------------------|----------------|----------------|-----------------|-------------------------------------|-----------------|
| 1/4”电话接头 (T系列, M系列和插孔) | ◆              |                |                 |                                     |                 |
| 1/4”电话开关插头             | ◆              |                |                 |                                     |                 |
| 3.5mm PCB              | ◆              |                |                 |                                     |                 |
| AC PDN                 | ◆              |                |                 |                                     |                 |
| AC系列XLR电缆              | ◆              |                |                 |                                     |                 |
| AC系列XLR金属“Z”形安装底座      | ◆              |                |                 |                                     |                 |
| AC系列XLR PBC安装底座        | ◆              |                |                 |                                     |                 |
| AC系列双1/4” XLR件         | ◆              |                |                 |                                     |                 |
| AC系列XLR热塑性塑料安装底座       | ◆              |                |                 |                                     |                 |
| 配件                     | ◆              | ◆              |                 |                                     |                 |
| AX系列XLR电缆              | ◆              |                |                 |                                     |                 |
| BNC 75Ω连接器             | ◆              |                |                 |                                     | ◆               |
| C型Combo 1/4” - XLR PCB | ◆              |                |                 |                                     |                 |
| EP/AP系列大功率元件           | ◆              |                |                 |                                     |                 |
| 多引脚系列                  | ◆              | ◆              | ◆               | ◆                                   |                 |
| RCA系列                  | ◆              | ◆              |                 |                                     |                 |
| SP高电流扬声器               | ◆              |                |                 |                                     |                 |
| XLRnet系列电缆             | ◆              |                |                 |                                     |                 |
| XLRnet系列PCB/安装底座       | ◆              |                |                 |                                     |                 |

布线和板管理/配件

|           | 3M | AirBorn | Amphenol | Amphenol FCI | Amphenol Pod | AVX - Elco | Glenair | Harwin | HellermannTyton | ITT Cannon | Molex | Phoenix Contact | Souriau | TE Connectivity |
|-----------|----|---------|----------|--------------|--------------|------------|---------|--------|-----------------|------------|-------|-----------------|---------|-----------------|
| 后盖        |    |         |          |              |              |            |         |        |                 |            |       |                 |         |                 |
| 电缆夹       | ◆  | ◆       | ◆        |              |              |            |         | ◆      | ◆               |            |       |                 |         | ◆               |
| 电缆管理元件    | ◆  |         |          |              | ◆            |            |         |        | ◆               |            |       | ◆               |         | ◆               |
| 电缆标记扎带    | ◆  |         |          |              |              |            |         |        | ◆               |            |       | ◆               |         | ◆               |
| 电缆支撑件     | ◆  |         |          |              |              |            |         |        |                 |            | ◆     |                 |         |                 |
| 电缆分隔器     | ◆  |         |          |              |              |            |         | ◆      |                 |            |       |                 |         |                 |
| 电缆端子      | ◆  |         |          |              |              |            |         | ◆      |                 |            | ◆     |                 |         | ◆               |
| 电缆扎带      | ◆  |         |          |              |              |            |         |        | ◆               |            |       | ◆               |         |                 |
| 热缩产品      | ◆  |         |          |              |              | ◆          |         |        | ◆               |            | ◆     | ◆               |         | ◆               |
| 跨接线连接线    |    |         |          | ◆            |              |            |         | ◆      |                 |            | ◆     |                 |         |                 |
| 标签系统      | ◆  |         |          | ◆            |              |            |         |        | ◆               |            |       | ◆               |         | ◆               |
| 标签        | ◆  |         |          |              |              |            |         |        | ◆               |            |       | ◆               |         | ◆               |
| PCB分隔器    | ◆  |         |          |              | ◆            |            |         |        | ◆               |            |       |                 |         |                 |
| PCB端子     |    |         | ◆        | ◆            |              |            |         | ◆      |                 | ◆          | ◆     | ◆               | ◆       | ◆               |
| 打印机/软件和带材 | ◆  |         |          |              |              |            |         |        | ◆               |            |       | ◆               |         | ◆               |
| RFI夹和指状夹  |    |         |          |              |              |            |         | ◆      |                 |            |       |                 |         | ◆               |
| 短路连接      |    |         |          |              |              |            |         | ◆      |                 |            | ◆     |                 |         |                 |
| 免焊端子      | ◆  |         |          | ◆            |              | ◆          |         |        |                 |            | ◆     | ◆               |         | ◆               |
| 接头        | ◆  |         |          |              | ◆            | ◆          |         |        |                 |            | ◆     |                 | ◆       | ◆               |
| 不锈钢配件     | ◆  |         |          |              |              |            |         |        |                 |            |       |                 |         |                 |
| 测点        |    |         |          |              |              |            |         | ◆      |                 |            |       |                 |         | ◆               |
| 工装        | ◆  | ◆       | ◆        | ◆            |              |            | ◆       | ◆      | ◆               | ◆          | ◆     | ◆               |         | ◆               |
| 电线和电缆     | ◆  |         |          | ◆            | ◆            |            |         |        |                 |            | ◆     |                 |         | ◆               |
| 电线导管      | ◆  |         |          |              |              |            |         |        | ◆               |            |       | ◆               |         |                 |

交通

|            | 3M | Amphenol | Amphenol FCI | API Technologies - Spectrum Control | APTIV (formerly Delphi Connection Systems) | AVX - Elco | Glenair | Harwin | HellermannTyton | ITT Cannon | Molex | Phoenix Contact | PKC Group | Preci-Dip | Souriau | TE Connectivity |
|------------|----|----------|--------------|-------------------------------------|--------------------------------------------|------------|---------|--------|-----------------|------------|-------|-----------------|-----------|-----------|---------|-----------------|
| 应用         |    |          |              |                                     |                                            |            |         |        |                 |            |       |                 |           |           |         |                 |
| 农业         |    | ◆        | ◆            |                                     | ◆                                          | ◆          | ◆       | ◆      | ◆               | ◆          | ◆     | ◆               | ◆         |           | ◆       | ◆               |
| 汽车         |    | ◆        | ◆            |                                     | ◆                                          | ◆          | ◆       | ◆      | ◆               | ◆          | ◆     | ◆               | ◆         |           |         | ◆               |
| 商用车辆       |    |          |              |                                     | ◆                                          | ◆          |         | ◆      | ◆               | ◆          | ◆     | ◆               | ◆         |           | ◆       | ◆               |
| 建筑         |    | ◆        | ◆            |                                     | ◆                                          | ◆          | ◆       | ◆      | ◆               | ◆          | ◆     | ◆               | ◆         |           | ◆       | ◆               |
| 航海         |    | ◆        | ◆            |                                     | ◆                                          | ◆          | ◆       | ◆      | ◆               | ◆          | ◆     | ◆               | ◆         |           | ◆       | ◆               |
| 公共交通       |    | ◆        | ◆            |                                     | ◆                                          | ◆          | ◆       | ◆      | ◆               | ◆          | ◆     | ◆               | ◆         |           | ◆       | ◆               |
| 房车         |    | ◆        | ◆            |                                     | ◆                                          | ◆          | ◆       |        | ◆               | ◆          | ◆     |                 | ◆         |           | ◆       | ◆               |
| 互连         |    |          |              |                                     |                                            |            |         |        |                 |            |       |                 |           |           |         |                 |
| 背板         | ◆  | ◆        | ◆            |                                     |                                            |            |         |        | ◆               | ◆          |       |                 |           |           |         | ◆               |
| 后盖         | ◆  | ◆        | ◆            |                                     | ◆                                          | ◆          |         | ◆      | ◆               | ◆          |       |                 |           |           |         | ◆               |
| 板对板连接元件    | ◆  | ◆        | ◆            |                                     | ◆                                          | ◆          |         | ◆      | ◆               | ◆          | ◆     |                 |           |           |         | ◆               |
| 环形连接元件     |    | ◆        | ◆            |                                     | ◆                                          |            | ◆       | ◆      |                 | ◆          | ◆     |                 |           |           | ◆       | ◆               |
| 触点连接元件     |    | ◆        | ◆            |                                     | ◆                                          | ◆          | ◆       | ◆      |                 | ◆          |       |                 | ◆         | ◆         |         | ◆               |
| 设备对板连接元件   | ◆  | ◆        | ◆            |                                     | ◆                                          |            | ◆       | ◆      | ◆               | ◆          | ◆     |                 |           |           |         | ◆               |
| 输入/输出连接元件  | ◆  | ◆        | ◆            | ◆                                   | ◆                                          | ◆          | ◆       | ◆      |                 | ◆          | ◆     |                 |           |           | ◆       | ◆               |
| 记忆卡        | ◆  | ◆        | ◆            |                                     | ◆                                          |            |         |        | ◆               | ◆          |       |                 |           |           |         | ◆               |
| 射频/同轴电缆/微波 |    | ◆        |              |                                     | ◆                                          |            |         |        | ◆               | ◆          |       |                 |           |           |         | ◆               |
| 免焊端子       | ◆  | ◆        | ◆            |                                     | ◆                                          | ◆          |         |        |                 |            |       | ◆               |           |           |         | ◆               |
| 特殊产品       | ◆  | ◆        | ◆            |                                     | ◆                                          | ◆          |         |        | ◆               | ◆          | ◆     | ◆               |           |           | ◆       | ◆               |
| 端子板        |    | ◆        | ◆            |                                     | ◆                                          |            |         |        | ◆               | ◆          | ◆     | ◆               |           |           |         | ◆               |
| 工装         | ◆  | ◆        | ◆            | ◆                                   | ◆                                          | ◆          |         |        | ◆               | ◆          | ◆     |                 |           |           | ◆       | ◆               |
| USB        | ◆  | ◆        |              |                                     | ◆                                          | ◆          |         |        | ◆               | ◆          | ◆     |                 |           |           |         | ◆               |
| 电线和电缆      | ◆  | ◆        |              |                                     |                                            |            |         |        | ◆               | ◆          |       |                 |           |           |         | ◆               |
| 布线管理       | ◆  |          | ◆            |                                     | ◆                                          |            |         | ◆      |                 | ◆          |       | ◆               |           |           |         | ◆               |
| 线对板连接元件    | ◆  | ◆        | ◆            | ◆                                   | ◆                                          | ◆          | ◆       |        | ◆               | ◆          | ◆     |                 |           |           | ◆       | ◆               |
| 线对线连接元件    | ◆  | ◆        | ◆            | ◆                                   | ◆                                          | ◆          | ◆       |        | ◆               | ◆          | ◆     |                 |           |           | ◆       | ◆               |



| 开关       | Bourns | C&K Components | Honeywell | KEMET - NEC TOKIN | Littelfuse - Hamlin | Omron | Panasonic | Phoenix Contact | Sensata (Airpax) | Sensata (Crydom) | TE Connectivity |
|----------|--------|----------------|-----------|-------------------|---------------------|-------|-----------|-----------------|------------------|------------------|-----------------|
| 接触块开关    |        |                |           |                   |                     | ◆     |           |                 | ◆                |                  | ◆               |
| 检测器开关    |        | ◆              |           |                   |                     | ◆     | ◆         |                 |                  |                  | ◆               |
| DIP      | ◆      | ◆              |           |                   |                     | ◆     |           |                 |                  |                  | ◆               |
| 编码器开关    |        |                | ◆         |                   |                     |       | ◆         |                 |                  |                  |                 |
| 增益渐变式开关  |        |                |           |                   |                     |       | ◆         |                 |                  |                  |                 |
| 计时表      |        |                | ◆         |                   |                     |       |           |                 |                  |                  |                 |
| 工业       |        | ◆              | ◆         |                   |                     | ◆     | ◆         |                 |                  |                  | ◆               |
| 钥匙锁定开关   |        | ◆              |           |                   |                     | ◆     |           |                 |                  |                  | ◆               |
| 按钮开关     |        | ◆              | ◆         |                   |                     |       |           |                 |                  |                  |                 |
| 旋钮开关     |        |                |           |                   |                     | ◆     |           |                 |                  |                  | ◆               |
| 限制开关     |        |                | ◆         |                   |                     | ◆     |           |                 |                  |                  |                 |
| 膜片开关     |        |                |           |                   |                     | ◆     |           |                 |                  |                  |                 |
| 导航开关     |        | ◆              |           |                   |                     |       |           |                 |                  |                  |                 |
| 光学开关     |        |                | ◆         |                   |                     | ◆     | ◆         |                 |                  |                  |                 |
| 闸门式开关    |        | ◆              | ◆         |                   |                     |       |           |                 |                  |                  | ◆               |
| 面板安装开关   |        | ◆              | ◆         |                   |                     | ◆     |           |                 |                  |                  | ◆               |
| 电源翘板开关   |        | ◆              |           |                   |                     |       | ◆         |                 |                  |                  | ◆               |
| 压力开关     |        |                | ◆         |                   |                     |       |           |                 |                  |                  |                 |
| 按钮开关     |        | ◆              | ◆         |                   |                     | ◆     | ◆         |                 |                  |                  | ◆               |
| 拨动滚轮编码开关 |        | ◆              |           |                   |                     |       |           |                 |                  |                  | ◆               |
| 磁簧       |        |                |           |                   | ◆                   |       |           |                 |                  |                  |                 |
| 翘板开关     |        | ◆              |           |                   |                     | ◆     |           |                 |                  |                  | ◆               |
| 旋转开关     | ◆      | ◆              | ◆         |                   |                     | ◆     |           |                 |                  |                  | ◆               |
| 安全开关     |        | ◆              | ◆         |                   |                     | ◆     |           |                 |                  |                  |                 |
| 选择器开关    |        | ◆              |           |                   |                     | ◆     |           |                 |                  |                  |                 |
| 滑动开关     |        | ◆              |           |                   |                     |       | ◆         |                 |                  |                  | ◆               |
| 快动开关     |        | ◆              | ◆         |                   |                     | ◆     | ◆         |                 |                  |                  | ◆               |
| 特殊用途     |        | ◆              | ◆         |                   |                     | ◆     | ◆         |                 |                  |                  | ◆               |
| 锁开关      |        | ◆              |           |                   |                     |       |           |                 |                  |                  |                 |
| 表面贴装开关   | ◆      | ◆              |           |                   |                     | ◆     | ◆         |                 |                  |                  | ◆               |
| 触动开关     | ◆      | ◆              |           |                   |                     | ◆     | ◆         |                 |                  |                  | ◆               |
| 接轮开关     |        | ◆              |           |                   |                     | ◆     |           |                 |                  |                  |                 |
| 扳钮开关     |        | ◆              | ◆         |                   |                     |       |           |                 |                  |                  | ◆               |
| 真空开关     |        | ◆              |           |                   |                     |       |           |                 |                  |                  |                 |

# 分立元件

| 功率半导体               | AVX | Bourns | Littelfuse - IXYS | Littelfuse - Teccor | Panasonic | ROHM Semiconductor | TT Electronics - Semelab | Vishay |
|---------------------|-----|--------|-------------------|---------------------|-----------|--------------------|--------------------------|--------|
| 二极管                 |     |        |                   |                     |           |                    |                          |        |
| 阵列二极管               |     | ◆      | ◆                 | ◆                   | ◆         | ◆                  | ◆                        | ◆      |
| 肖特基二极管              | ◆   |        | ◆                 | ◆                   | ◆         | ◆                  | ◆                        | ◆      |
| 小信号二极管              |     | ◆      | ◆                 | ◆                   | ◆         | ◆                  | ◆                        | ◆      |
| TVS                 | ◆   |        | ◆                 | ◆                   | ◆         | ◆                  | ◆                        | ◆      |
| 齐纳二极管               |     | ◆      | ◆                 | ◆                   | ◆         | ◆                  | ◆                        | ◆      |
| 碳化硅(SiC)            |     |        | ◆                 | ◆                   |           | ◆                  |                          |        |
| 整流器                 |     |        |                   |                     |           |                    |                          |        |
| 电桥                  |     | ◆      | ◆                 |                     |           | ◆                  |                          | ◆      |
| 整流器                 |     | ◆      | ◆                 | ◆                   |           | ◆                  | ◆                        | ◆      |
| 肖特基二极管              |     | ◆      | ◆                 | ◆                   |           | ◆                  | ◆                        | ◆      |
| 晶闸管                 |     |        |                   |                     |           |                    |                          |        |
| 保护晶闸管               |     | ◆      |                   | ◆                   |           |                    |                          |        |
| 开关晶闸管 (SCR, Triacs) |     |        | ◆                 | ◆                   |           |                    |                          | ◆      |
| 晶体管                 |     |        |                   |                     |           |                    |                          |        |
| 双极型晶体管              |     | ◆      |                   |                     |           | ◆                  | ◆                        | ◆      |
| 小信号二极管              |     | ◆      |                   |                     | ◆         | ◆                  | ◆                        | ◆      |
| IGBT                |     |        |                   |                     |           |                    |                          |        |
| 分立式IGBT             |     |        | ◆                 |                     |           | ◆                  |                          |        |
| 模块                  |     |        | ◆                 | ◆                   |           |                    | ◆                        | ◆      |
| MOSFET              |     |        |                   |                     |           |                    |                          |        |
| 氮化镓(GaN)            |     |        |                   | ◆                   | ◆         | ◆                  |                          |        |
| 高压                  |     |        | ◆                 |                     |           | ◆                  | ◆                        | ◆      |
| 低压                  |     |        | ◆                 |                     | ◆         | ◆                  | ◆                        | ◆      |
| 模块                  |     |        | ◆                 |                     |           | ◆                  | ◆                        | ◆      |
| 碳化硅(SiC)            |     |        | ◆                 | ◆                   |           | ◆                  | ◆                        |        |

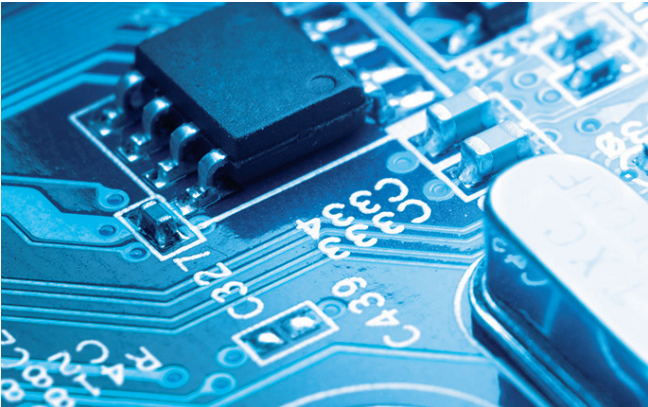
■ MIL 规格分立器件(DSCC)

| 光电元件       | Littelfuse | Murata - MPS | Panasonic | ROHM Semiconductor | TT Electronics - OPTeK | Vishay |
|------------|------------|--------------|-----------|--------------------|------------------------|--------|
| 数字面板仪表     |            | ◆            |           |                    |                        |        |
| 高压隔离器      |            |              |           | ◆                  | ◆                      | ◆      |
| 红外元件       |            |              |           | ◆                  | ◆                      | ◆      |
| 红外触控板      |            |              |           |                    |                        | ◆      |
| LCD模块      |            |              |           |                    |                        | ◆      |
| LED指示灯     |            |              | ◆         | ◆                  | ◆                      | ◆      |
| LED照明灯 <1W |            |              | ◆         | ◆                  | ◆                      | ◆      |
| LED照明灯 >1W |            |              | ◆         | ◆                  | ◆                      | ◆      |
| LED显示屏     |            |              |           | ◆                  | ◆                      | ◆      |
| LED驱动器     |            |              | ◆         | ◆                  |                        | ◆      |
| LED模块      |            |              |           | ◆                  | ◆                      | ◆      |
| OLED显示屏    |            |              |           |                    |                        | ◆      |
| 光学传感元件     | ◆          |              |           | ◆                  | ◆                      | ◆      |
| 光电耦合器      |            |              |           |                    | ◆                      | ◆      |
| 等离子显示屏     |            |              |           |                    |                        | ◆      |
| 固态继电器      |            |              | ◆         |                    |                        | ◆      |
| TFT显示屏     |            |              |           |                    |                        | ◆      |

| 其他分立元件        | ROHM Semiconductor | TT Electronics - Semelab | Vishay |
|---------------|--------------------|--------------------------|--------|
| 模拟开关          | ◆                  | ◆                        | ◆      |
| LDO (低压差) 稳压器 | ◆                  |                          | ◆      |
| 逻辑元件          | ◆                  |                          |        |
| 电机控制驱动器       | ◆                  |                          | ◆      |
| 射频二极管         | ◆                  | ◆                        | ◆      |
| 射频三极管         | ◆                  | ◆                        |        |
| 稳压器           | ◆                  | ■                        | ◆      |

■ MIL 规格分立器件(DSCC)

| 存储器                  | Panasonic | ROHM Semiconductor | TDK |
|----------------------|-----------|--------------------|-----|
| CompactFlash™、CFast™ |           |                    | ◆   |
| DRAM                 |           | ◆                  |     |
| eMMC存储器              | ◆         |                    |     |
| FeRAM                |           | ◆                  |     |
| SD记忆卡                | ◆         |                    | ◆   |
| 串行EEPROM             |           | ◆                  |     |
| 固态驱动器(SSD)           |           |                    | ◆   |



电阻

| 薄膜电阻     |        |     |        |           |                 |                              |        |               |                    |       |
|----------|--------|-----|--------|-----------|-----------------|------------------------------|--------|---------------|--------------------|-------|
|          | Bourns | KOA | OHMITE | Panasonic | TE Connectivity | TT Electronics - IRC, Welwyn | Vishay | Vishay - Dale | Vishay - Thin Film | Yageo |
| 金属膜电阻    |        |     |        |           |                 |                              |        |               |                    |       |
| 分立贴片电阻   |        | ●   | ◆      | ◆         | ◆               | ●                            | ●      | ●             | ●                  | ◆     |
| 隔爆型电阻    | ◆      | ●   | ◆      | ◆         | ◆               | ●                            | ●      | ●             | ●                  | ◆     |
| 可熔电阻     |        | ●   | ●      | ◆         | ◆               | ●                            | ●      | ●             | ●                  | ◆     |
| 高温电阻     | ◆      | ●   | ●      | ◆         | ◆               | ●                            | ●      | ●             | ◆                  |       |
| 高压电阻     | ◆      | ●   | ●      | ◆         | ◆               | ●                            | ●      | ●             | ●                  | ◆     |
| 匹配套件电阻   |        |     | ●      |           | ◆               | ●                            | ●      | ●             | ●                  | ◆     |
| 晶圆/圆柱形电阻 |        | ◆   |        |           | ◆               | ◆                            | ●      | ●             | ●                  | ◆     |
| 金属膜电阻    | ◆      | ●   | ●      | ●         | ◆               | ●                            | ●      | ●             | ●                  | ◆     |
| 金属釉电阻    |        | ◆   | ◆      |           | ◆               | ◆                            | ●      | ●             | ●                  |       |
| 金属氧化膜电阻  |        |     | ●      | ◆         | ◆               | ●                            | ●      | ●             | ●                  | ◆     |
| 精密电阻     | ◆      | ●   | ●      | ◆         | ◆               | ●                            | ●      | ●             | ●                  | ◆     |
| 厚膜片电阻    | ◆      | ●   | ◆      | ◆         | ◆               | ●                            | ●      | ●             | ●                  | ◆     |
| 薄膜片电阻    | ◆      | ●   |        | ◆         | ◆               | ●                            | ●      | ●             | ●                  | ◆     |
| 微调电阻     |        |     |        |           | ◆               | ◆                            | ●      | ●             | ◆                  | ◆     |
| 电压分压电阻   |        |     | ◆      |           | ◆               | ●                            | ●      | ▲             | ◆                  | ◆     |



| 网络电阻    |        |     |           |                 |                              |        |               |                    |                        |       |
|---------|--------|-----|-----------|-----------------|------------------------------|--------|---------------|--------------------|------------------------|-------|
|         | Bourns | KOA | Panasonic | TE Connectivity | TT Electronics - IRC, Welwyn | Vishay | Vishay - Dale | Vishay - Thin Film | Vishay Precision Group | Yageo |
| 矩阵电阻    | ◆      |     | ◆         | ◆               | ●                            | ●      | ●             | ●                  | ●                      | ◆     |
| 保形涂层电阻  | ◆      | ●   |           | ◆               | ●                            | ●      | ●             | ●                  | ●                      |       |
| 定制电阻    | ◆      | ●   |           | ◆               | ●                            | ●      | ●             | ●                  | ●                      |       |
| 集成无源电阻  | ◆      | ●   |           |                 | ●                            | ●      | ●             | ●                  | ●                      |       |
| 梯形电阻    | ●      | ●   |           |                 | ●                            | ●      | ●             | ●                  | ●                      | ●     |
| 线路保护电阻  | ◆      |     |           |                 | ●                            | ●      | ●             | ●                  | ●                      |       |
| 模压电阻    | ●      | ◆   |           | ◆               | ●                            | ●      | ●             | ●                  | ●                      |       |
| 电阻/电容   | ●      | ◆   |           |                 | ●                            | ●      | ●             | ●                  | ●                      |       |
| SMT     | ●      | ●   | ◆         | ◆               | ●                            | ●      | ●             | ●                  | ●                      | ●     |
| 耐突波电阻   | ◆      |     |           | ◆               | ●                            | ●      | ●             | ●                  | ●                      |       |
| 厚膜DIP电阻 | ●      |     |           |                 | ◆                            | ●      | ●             | ●                  | ●                      |       |
| 厚膜SIP电阻 | ●      | ●   |           |                 | ◆                            | ●      | ●             | ●                  | ●                      |       |
| 薄膜DIP电阻 | ●      |     |           |                 | ●                            | ●      | ●             | ●                  | ●                      |       |
| 薄膜SIP电阻 | ●      | ◆   |           |                 | ●                            | ●      | ●             | ●                  | ●                      |       |

| 功率绕线碳和薄膜电阻 |        |     |        |           |                 |                              |        |               |                               |                   |
|------------|--------|-----|--------|-----------|-----------------|------------------------------|--------|---------------|-------------------------------|-------------------|
|            | Bourns | KOA | OHMITE | Panasonic | TE Connectivity | TT Electronics - IRC, Welwyn | Vishay | Vishay - Dale | Vishay - Huntington/Milwaukee | Vishay - Sfernice |
| 功率/绕线电阻    |        |     |        |           |                 |                              |        |               |                               |                   |
| 支架/硬件      |        |     | ●      | ◆         | ◆               | ●                            | ◆      | ◆             | ◆                             |                   |
| 陶瓷复合电阻     |        | ◆   | ◆      | ◆         | ◆               | ●                            | ◆      | ◆             | ◆                             | ◆                 |
| 商用电阻       | ◆      | ●   | ●      |           | ◆               | ●                            | ●      | ◆             | ◆                             | ◆                 |
| 电流感测/低阻电阻  | ◆      | ●   | ◆      | ◆         | ◆               | ●                            | ●      | ◆             | ◆                             | ◆                 |
| 栅格         |        |     | ◆      |           |                 | ◆                            | ◆      | ◆             | ◆                             |                   |
| 工业         | ◆      | ◆   | ●      | ◆         | ◆               | ●                            | ◆      | ◆             | ◆                             | ◆                 |
| 精密电阻       |        | ●   | ●      | ◆         | ◆               | ●                            | ◆      | ◆             | ◆                             | ◆                 |
| 变阻器        |        |     | ●      | ◆         | ◆               | ●                            | ◆      | ◆             | ◆                             | ◆                 |
| 特殊用途       |        | ◆   | ●      |           | ◆               | ●                            | ◆      | ◆             | ◆                             | ◆                 |
| 管状电阻       |        | ◆   | ◆      | ◆         | ◆               | ●                            | ◆      | ◆             | ◆                             | ◆                 |
| 釉瓷电阻       |        | ◆   | ●      |           | ◆               | ●                            | ◆      | ◆             | ◆                             |                   |
| 碳电阻        |        |     |        |           |                 |                              |        |               |                               |                   |
| 碳素混合体电阻    |        | ●   | ◆      | ◆         | ◆               |                              |        |               |                               |                   |
| 碳膜电阻       |        | ●   | ◆      | ◆         | ◆               | ◆                            | ●      |               |                               | ◆                 |
| 箔电阻        |        |     |        |           |                 |                              |        |               |                               |                   |
| 块状金属箔电阻    |        |     |        |           |                 |                              |        |               |                               | ●                 |

| 可调电位器      |        |           |        |           |                 |                                  |        |               |                   |                   |
|------------|--------|-----------|--------|-----------|-----------------|----------------------------------|--------|---------------|-------------------|-------------------|
|            | Bourns | Honeywell | OHMITE | Panasonic | TE Connectivity | TT Electronics - BI Technologies | Vishay | Vishay - Dale | Vishay - Sfernice | Vishay - Spectrol |
| 微调电位器      |        |           |        |           |                 |                                  |        |               |                   |                   |
| 调整工具电位器    | ◆      |           |        |           |                 |                                  | ◆      |               | ◆                 |                   |
| 碳电位器       | ●      |           | ◆      | ◆         | ◆               | ●                                |        |               |                   |                   |
| 金属陶瓷电位器    | ●      | ●         |        | ◆         | ◆               | ●                                | ●      | ◆             | ◆                 |                   |
| 反阻抗电位器     | ◆      |           | ◆      |           |                 | ●                                | ●      |               | ◆                 |                   |
| 多圈电位器      | ●      |           |        |           | ◆               | ●                                | ●      | ◆             | ◆                 |                   |
| 开放框架电位器    | ●      |           |        | ◆         | ◆               | ●                                | ●      |               |                   |                   |
| 密封框架电位器    | ●      |           |        | ◆         | ◆               | ●                                | ●      | ◆             | ◆                 |                   |
| 单圈电位器      | ●      | ◆         | ◆      | ◆         | ◆               | ●                                | ●      | ◆             | ◆                 |                   |
| 绕线电位器      | ▲      | ●         |        | ◆         | ◆               | ●                                | ●      |               | ●                 |                   |
| 精密面板控制电位器  |        |           |        |           |                 |                                  |        |               |                   |                   |
| 碳电位器       | ◆      |           |        |           |                 |                                  | ◆      |               |                   |                   |
| 金属陶瓷电位器    | ◆      | ◆         |        |           |                 |                                  | ◆      | ●             | ◆                 | ●                 |
| 导电塑料电位器    | ◆      | ◆         |        |           |                 |                                  | ◆      | ●             | ◆                 | ●                 |
| 表盘/旋钮电位器   | ◆      |           | ◆      |           |                 |                                  | ●      | ●             | ◆                 | ◆                 |
| 旋钮电位器      | ◆      |           | ◆      |           |                 |                                  | ◆      | ◆             | ◆                 | ◆                 |
| 混合电位器      | ◆      |           |        |           |                 |                                  | ◆      |               |                   |                   |
| 线性电位器      | ◆      | ●         |        |           |                 |                                  | ◆      |               | ◆                 |                   |
| 金属箔电位器     |        |           |        |           |                 |                                  | ◆      |               |                   | ◆                 |
| 模块化电位器     |        |           |        | ◆         |                 |                                  | ◆      |               | ◆                 |                   |
| 电机钢电位器     |        |           |        |           |                 |                                  | ◆      | ◆             |                   |                   |
| 多圈电位器      | ◆      |           |        |           |                 |                                  | ◆      | ●             | ◆                 | ◆                 |
| 非线性电位器     |        |           |        |           |                 |                                  | ◆      | ●             | ◆                 | ●                 |
| 开放框架滑动式电位器 | ◆      |           |        |           |                 |                                  | ◆      | ●             | ◆                 | ●                 |
| 变阻器        |        |           | ●      |           |                 |                                  | ◆      |               | ◆                 |                   |
| 旋转电位器      | ◆      | ◆         | ●      | ◆         |                 |                                  | ◆      | ●             | ◆                 | ●                 |
| 密封框架电位器    |        |           | ●      |           |                 |                                  | ◆      | ●             | ◆                 | ◆                 |
| 单圈电位器      | ◆      |           | ●      |           |                 |                                  | ◆      | ●             | ◆                 | ●                 |
| 绕线电位器      | ◆      | ◆         |        |           |                 |                                  | ◆      | ●             |                   | ●                 |
| 传感器/编码器    |        |           |        |           |                 |                                  |        |               |                   |                   |
| 衰减器        |        |           |        |           | ◆               |                                  | ◆      | ●             |                   |                   |
| 编码器        | ◆      | ●         |        | ◆         | ◆               | ◆                                | ◆      |               |                   |                   |
| 线性运动电位器    | ◆      |           |        |           |                 |                                  | ◆      |               | ◆                 | ●                 |
| 旋转电位器      | ◆      | ●         |        | ◆         | ◆               |                                  | ◆      |               | ◆                 | ●                 |

● 提供含铅及无铅兼容部件 ◆ 只提供无铅部件 ▲ 只提供含铅兼容部件



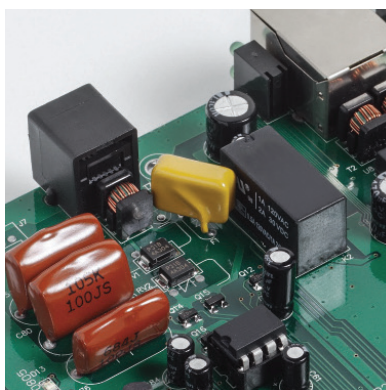
# 为什么要选择从电子元器件分销专家购买？

TTI成立于1971年，现已逐步发展成为业界全球领先的互连、无源、机电和分立元件分销商。公司成立的宗旨是通过提供专业化产品、以客户为中心的服务和专有供应链解决方案，提高被动元件采购效率。



## 见多识广的产品专家

TTI产品经理具备专业化知识，能够提供更深入的产品见解，从设计到生产，全程为您的制造提供支持。TTI专家对客户的承诺是我们屡创佳绩的关键。



## 更为纵深的库存量

TTI拥有充裕的元器件库存，全球零件库存量超过85万，其中北美超过50万，互连、无源、机电和分立元件库存供应超过任何其他供应源。



## AIM—高级库存管理平台

TTI的专有供应链系统是专门为管理IP&E产品以及与优质制造商开展合作而设计的。利用该系统，我们可以提供必要范围的物料清单以部署全面的解决方案，从而降低总拥有成本并缓解供应中断风险。

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TTI是首家全球所有仓库都荣获ISO注册认证的分销商，目前在北美洲通过了AS9100C、ISO 9001和ISO 14001认证，在欧洲通过了ISO 9001、EN 9100、ISO 14001和EN 9120认证，在亚洲通过了AS9120、ISO 9001和ISO 14001认证。

年复一年，客户都将我们的库存供应、准时交付和精确性评定为行业中的佼佼者。请邮件FeedbackTTIAsia@ttiinc.com或致电+86 400-844-4868联系您所在地的TTI专家，了解选择我们的原因。



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