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ELECTRONICS

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Jameco Part Number 884301

## FEATURES AND SPECIFICATIONS

### Features and Benefits

- Sizes 2 to 25 circuits
- End-to-end and side-to-side stackable for single or dual row connections to a 2.54mm (.100") pitch grid pin field

### Reference Information

Product Specification: PS-70058

Packaging: Bag

UL File No.: E29179

CSA File No.: LR19980

Mates With: 8624, 42375, 42377, 70203 and 70206  
unshrouded headers

Use With: 70058 and 71851 crimp terminals

Designed In: Inches

### Physical

Housing: Black glass-filled polyester, UL 94V-0

Operating Temperature: -40 to +105°C



**2.54mm (.100") Pitch**

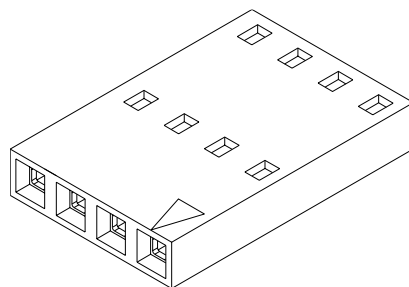
**SL™**

**Crimp Housing**

**70066**

**Single Row**

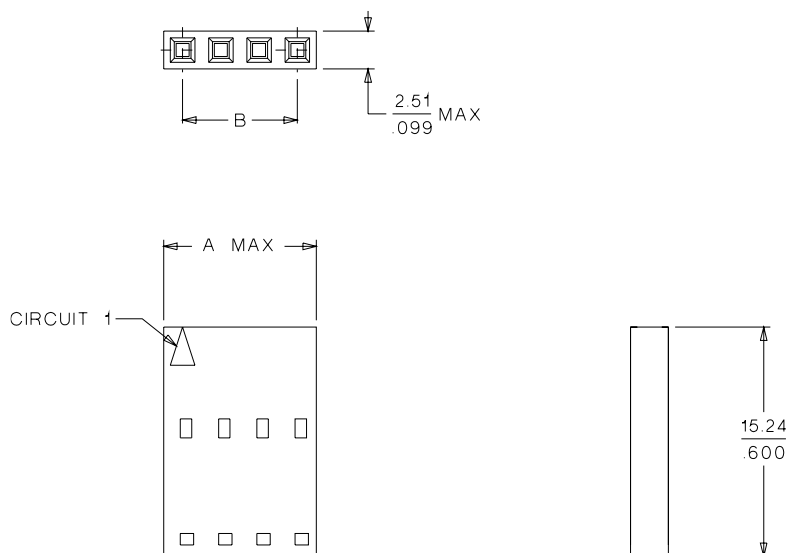
**Version A, Nonpolarized**



**2.54mm (.100") Pitch**

## CATALOG DRAWING (FOR REFERENCE ONLY)

**Not For Use With C-Grid III™ Components**



Delivered on a carrier with 20 pieces per strip.

**Actual  
Size**



**Universal Polarizing Pin  
40713-1  
Order No. 15-04-0292**

## ORDERING INFORMATION AND DIMENSIONS

Circuits	Order No.	Dimension	
		A	B
2	• 50-57-9002	5.05 (.199)	2.54 (.100)
3	• 50-57-9003	7.59 (.299)	5.08 (.200)
4	• 50-57-9004	10.13 (.399)	7.62 (.300)
5	• 50-57-9005	12.67 (.499)	10.16 (.400)
6	• 50-57-9006	15.21 (.599)	12.70 (.500)
7	• 50-57-9007	17.75 (.699)	15.24 (.600)
8	• 50-57-9008	20.29 (.799)	17.78 (.700)
9	• 50-57-9009	22.83 (.899)	20.32 (.800)
10	• 50-57-9010	25.37 (.999)	22.86 (.900)
11	• 50-57-9011	27.91 (1.099)	25.40 (1.000)
12	• 50-57-9012	30.45 (1.199)	27.94 (1.100)
13	• 50-57-9013	32.99 (1.299)	30.48 (1.200)

Circuits	Order No.	Dimension	
		A	B
14	• 50-57-9014	35.53 (1.399)	33.02 (1.300)
15	• 50-57-9015	38.07 (1.499)	35.56 (1.400)
16	• 50-57-9016	40.61 (1.599)	38.10 (1.500)
17	• 50-57-9017	43.15 (1.699)	40.64 (1.600)
18	• 50-57-9018	45.69 (1.799)	43.18 (1.700)
19	• 50-57-9019	48.23 (1.899)	45.72 (1.800)
20	• 50-57-9020	50.77 (1.999)	48.26 (1.900)
21	• 50-57-9021	53.31 (2.099)	50.80 (2.000)
22	• 50-57-9022	55.85 (2.199)	53.34 (2.100)
23	• 50-57-9023	58.39 (2.299)	55.88 (2.200)
24	• 50-57-9024	60.93 (2.399)	58.42 (2.300)
25	• 50-57-9025	63.47 (2.499)	60.96 (2.400)

• US Standard Product, available through Molex franchised distributors



# PRODUCT SPECIFICATION



LANGUAGE

ENGLISH

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REV									
SHT									
REVISE ON PC ONLY			TITLE				<b>PRODUCT SPECIFICATION SINGLE ROW – STACKABLE LINEAR-(SL) CONNECTOR SYSTEM</b>		
<b>F</b>	ADD PROCESS TEMPERATURE UDT2002-1016 RSFOX 2/13/02		THIS DOCUMENT CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
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DESIGN CONTROL LISLE		STATUS	WRITTEN BY: FOX	CHECKED BY: STILES	APPROVED BY: BRINKMAN	DATE: YR / MO / DAY 99/11/16			
DOCUMENT NO. <b>PS – 70400</b>						FILE NAME PS-70400.LWP	SHT NO. 1 OF 14		
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## PRODUCT SPECIFICATION



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### 1.0 SCOPE

This specification is intended to define the mechanical, electrical and environmental requirements for the SL .100" (2.54) pitch modular, single row wire-to-board and wire-to-wire system.

SL is designed for high density signal applications. The system includes: low profile latching vertical and right angle headers; low profile housings for male and female crimp terminals; pre-assembled, single piece pin and receptacle connectors for Insulation Displacement Technology (IDT); panel mounts for modular wire-to-wire remote interconnections; and SL offers design flexibility and automated harness-making capabilities when combined with our tooling.

### 2.0 PRODUCT DESCRIPTION:

2.1 The following Series are covered by this product specification:

70021, male, crimp terminal  
70058, female box, crimp terminal  
71851, female box, high force crimp terminal  
70066 & 70107, single row, crimp housing  
70450, dual row, crimp housing  
70400, female, single row, insulation displacement, connector assembly  
70475 & 71178, male, single row, insulation displacement, connector assembly  
70543, single row, .120" pocket, wire-to-board, shrouded header, vertical  
70541, single row, .120" pocket, wire-to-board, shrouded header, vertical, split peg  
70545, single row, .120" pocket, wire-to-board, shrouded header, vertical, tri-peg  
70553, single row, .120" pocket, wire-to-board, shrouded header, right angle  
70555, single row, .120" pocket, wire-to-board, shrouded header, right angle, tri-peg  
70563, single row, .180" pocket, wire-to-board, shrouded header, vertical  
70565, single row, .180" pocket, wire-to-board, shrouded header, vertical, tri-peg  
70573, single row, .180" pocket, wire-to-board, shrouded header, right angle  
70575, single row, .180" pocket, wire-to-board, shrouded header, right angle, tri-peg

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## PRODUCT SPECIFICATION



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### 2.3 SAFETY AGENCY APPROVALS:

UL File Number . . . . . E29179  
CSA File Number . . . . . LR19980

### 3.0 APPLICABLE DOCUMENTS AND SPECIFICATIONS:

All documents referenced shall be of the latest revision. The order of precedence shall be as follows.

- Product Drawings
- This product specification
- Reference documents

### 3.1 REFERENCE DOCUMENTS:

- EIA 364 Electronic Industries Association, Recommended Standard
- MIL-STD-202: Test methods for electronics and electrical component parts.
- UL-94: Tests for flammability of plastic material

### 4.0 RATINGS:

#### 4.1 VOLTAGE:

250 V

#### 4.2 CURRENT:

1.2 A - 28 AWG  
1.8 A - 26 AWG  
3.0 A - 24 AWG  
3.0 A - 22 AWG

#### 4.2 TEMPERATURE:

Operating: -40 °C to +105 °C  
Processing: See chart on next page.

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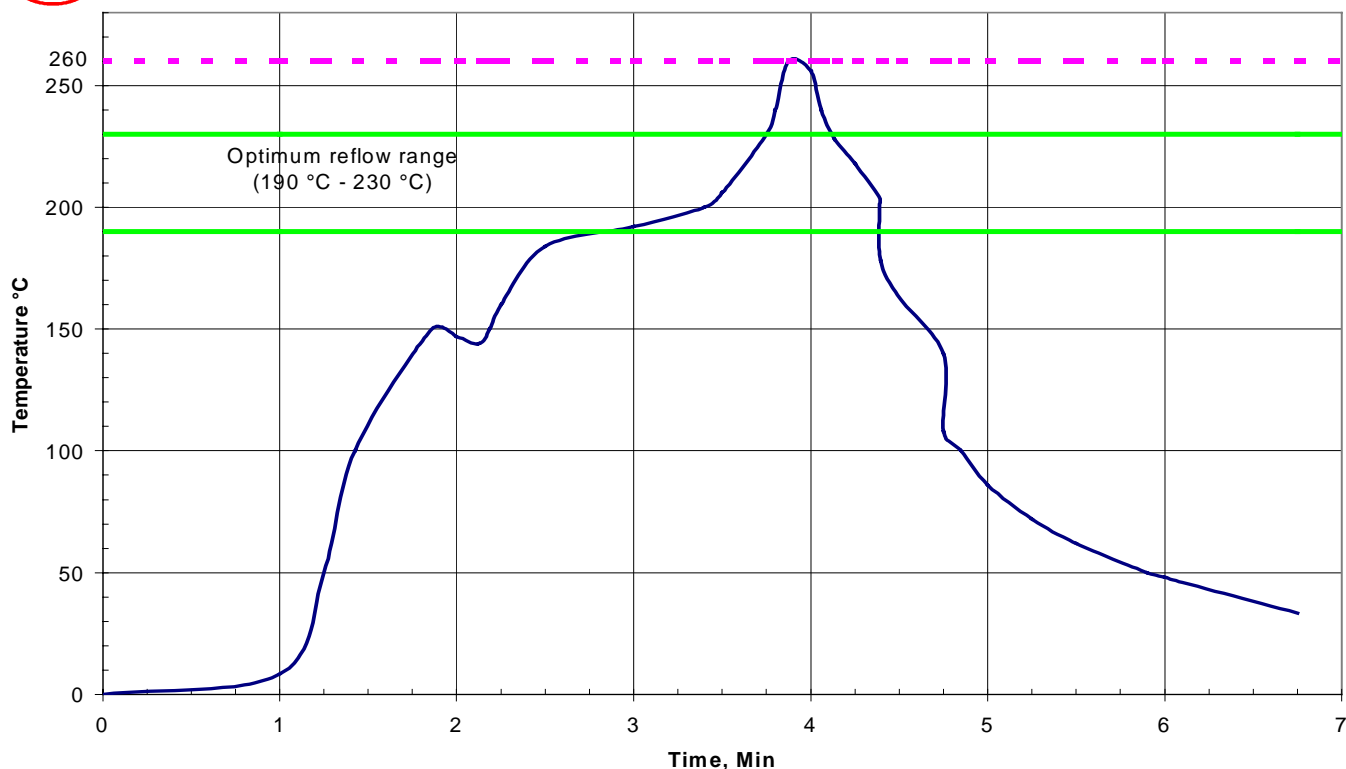
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### Temperature vs. Time

Series: 70543, 70541, 70545, 70553, 70551, 70555, 70634, 74190, 70563, 70565, 70573, and 70575



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## PRODUCT SPECIFICATION



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### 5.0 PERFORMANCE:

#### 5.1 ELECTRICAL PERFORMANCE:

Item	Test Condition	Requirement
Contact Resistance (Low Level)	Mate Connectors with a maximum voltage of 20mV and a current of 100 mA.	<b>30</b> milliohm Maximum Initial
Insulation Resistance	Mate Connectors with a voltage of <b>500</b> VDC between adjacent terminals and between terminals and ground.	<b>1000</b> Megohms Minimum
Dielectric Withstanding Voltage	Mate Connectors with a voltage of 1500 VAC for 1 min. between adjacent terminals and between terminals and ground.	No breakdown
Capacitance	Measure between adjacent terminals at <b>1</b> MHz. (Loaded: 50 ohms impedance)	Loaded: <b>2</b> picofarad max. Unloaded: 0.5 picofarad max.

#### 5.2 MECHANICAL PERFORMANCE:

Item	Test Condition	Requirement
Terminal Insertion and Withdrawal Forces	Insert and withdraw a terminal (male to female) at a rate of $25 \pm 6$ mm ( $1 \pm 1/4$ inch) per minute.	70058 - Insertion force shall be 4.45 N (1.0 lb) max. and withdrawal 0.56 N (0.125 lb) min. 71851 - Insertion force shall be 13.34 N (3.0 lb) max. and withdrawal 1.67 N (0.375 lb) min
Terminal Retention Force (in Housing)	Axial pullout force on the terminal in the housing at a rate of $25 \pm 6$ mm ( $1 \pm 1/4$ inch) per minute.	Contact : 17.79 N (4.0 lbs.) min.
Durability	Mate connectors up to 25 cycles for tin plating and 50 cycles for gold plating at a maximum rate of 10 cycles per minute prior to defined Environmental Tests.	Contact Resistance : 10 milliohms Maximum Change from Initial

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Item	Test Condition	Requirement
Vibration Mil-Std-1344 Method 2005.1 Condition I	Amplitude: 1.50mm (.060 inch) peak to peak Sweep: 10-55-10 Hz in one minute Duration: 2 hours in each X-Y-Z axis. (Test module shall be per Section 7.0)	Contact Resistance: 10 milliohms Maximum Change from Initial Discontinuity: not greater than one microsecond
Mechanical Shock Mil-Std-1344 Method 2004.1 Condition A	50 g's with three 1/2 sine wave form shocks in each X-Y-Z axis. (Test module shall be per Section 8.2)	Contact Resistance: 10 milliohms Maximum Change from Initial Discontinuity: not greater than one microsecond
Wire Pullout Force (Axial)	Apply an axial pullout force on the wire at a rate of $25 \pm 6$ mm ( $1 \pm 1/4$ inch) per minute.	Pullout force - 75% tensile strength of wire, minimum.
Wire Pullout Force (Right Angle)	Apply a right angle pullout force on the wire at a rate of $25 \pm 6$ mm ( $1 \pm 1/4$ inch) per minute.	Pullout force - 75% tensile strength of wire, minimum.
Terminal Insertion Force (into Housing)	Apply an axial insertion force on the terminal at a rate of $25 \pm 6$ mm ( $1 \pm 1/4$ inch) per minute.	13.34 N (3.0 lbs) maximum insertion force.
Wire Flex	Flex cable 180° for 500 cycles.	Contact resistance: 10 milliohms Maximum Change from Initial. Appearance: No Damage
Normal Force	Apply a perpendicular force at a rate of of $25 \pm 6$ mm ( $1 \pm 1/4$ inch) per minute on the contacts in a manner simulating actual use.	0.49 N (50 grams) minimum end of life, for gold plating 0.98 N (100 grams) minimum end of life, for tin plating.

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### 5.3 ENVIRONMENTAL PERFORMANCE

Item	Test Condition	Requirement												
Thermal Shock Mil-Std-202F Method 107 E	Mate connectors exposed to 10 cycles of: <table><tr><th>Temperature °C</th><th>Duration (Min)</th></tr><tr><td>-40 +0/-3</td><td>30</td></tr><tr><td>+25 +/-10</td><td>5 Max</td></tr><tr><td>+105 +3/-0</td><td>30</td></tr><tr><td>+25 +/-10</td><td>5 Max</td></tr><tr><td>-40 +0/-3</td><td>30</td></tr></table>	Temperature °C	Duration (Min)	-40 +0/-3	30	+25 +/-10	5 Max	+105 +3/-0	30	+25 +/-10	5 Max	-40 +0/-3	30	Appearance: No Damage Contact Resistance: 10 milliohms maximum change from initial
Temperature °C	Duration (Min)													
-40 +0/-3	30													
+25 +/-10	5 Max													
+105 +3/-0	30													
+25 +/-10	5 Max													
-40 +0/-3	30													
Thermal Aging Mil-Std-202F Method 108	Mate connectors; expose to 240 hours at 105 ± 3° C	Appearance: No Damage Contact Resistance: 10 milliohms maximum change from initial												
Humidity (Steady State) Mil-Std-202F Method 103	Mate connectors; expose to a temperature of : 85 ± 2°C with a Relative Humidity of 92 ± 3% for 96 hours.  Note: Remove surface moisture and air dry for 1 hour prior to measurements.	Appearance: No Damage Contact Resistance: 10 milliohms maximum change from initial. Dielectric Withstanding Voltage: No Breakdown Insulation Resistance: 1000 Megohms Minimum												
Humidity (Cyclic) Mil-Std-202 Method 105	Mate connectors; expose for 10 cycles at 90-98% relative humidity with a transition time of 2.5 hours between extremes: <table><tr><th>Temperature °C</th><th>Duration (Min)</th></tr><tr><td>+25 ± 10</td><td>5 maximum</td></tr><tr><td>+65 +3/-0</td><td>15 maximum</td></tr></table> Note: Remove surface moisture and air dry for one hour prior to measurements.	Temperature °C	Duration (Min)	+25 ± 10	5 maximum	+65 +3/-0	15 maximum	Appearance: No Damage Contact Resistance: 10 milliohms maximum change from initial. Dielectric Withstanding Voltage: No Breakdown Insulation Resistance: 1000 Megohms Minimum						
Temperature °C	Duration (Min)													
+25 ± 10	5 maximum													
+65 +3/-0	15 maximum													

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REV

DESCRIPTION

TITLE

## PRODUCT SPECIFICATION SINGLE ROW – STACKABLE LINEAR (SL) CONNECTOR SYSTEM

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Item	Test Condition	Requirement
Temperature Rise and Current Cycling	Temperature Rise: Mate the connectors; and measure the temperature rise at the rated current after 96 hours.  Current Cycling: Mate connectors; measure the temperature rise at the rated current after 500 hours (45 minutes ON and 15 minutes OFF per hour).	Temperature Rise: 30°C above ambient maximum  Temperature Rise: 30°C above ambient maximum
Solderability Molex SMES-152	Steam age 1 hr. Solder time $5 \pm 0.5$ seconds. Solder temperature: $245 \pm 5^\circ\text{C}$ Non activated flux.	95% of the immersed area must show no voids, pin holes
Flowing Mixed Gas (FMG)	Battelle Class II, 10 ppm $\text{Cl}_2$ , 10 ppm $\text{H}_2\text{S}$ , 100 ppm $\text{NO}_2$ , $70 \pm 1\%$ R.H., 25 deg. C. 50-60 CFM. 10 days mated and 7 days unmated exposure.	Contact Resistance: 10 milliohms Maximum change from Initial
Resistance to Solder Heats	Solder Time $3 \pm 0.5$ seconds Solder Temperature: $260 \pm 5^\circ\text{C}$ Immerse leads to a depth of 1.57mm (.062 in.) from connector body.	Appearance: No damage or discoloration of connector materials.

### 6.0 PACKAGING:

Parts are packaged in trays, tubes or bulk packed, refer to appropriate Sales Drawing for specific information.

### 7.0 QUALITY ASSURANCE PROVISIONS:

#### 7.1 MATERIAL INSPECTION:

Shall consist of certification supported by verifying data.

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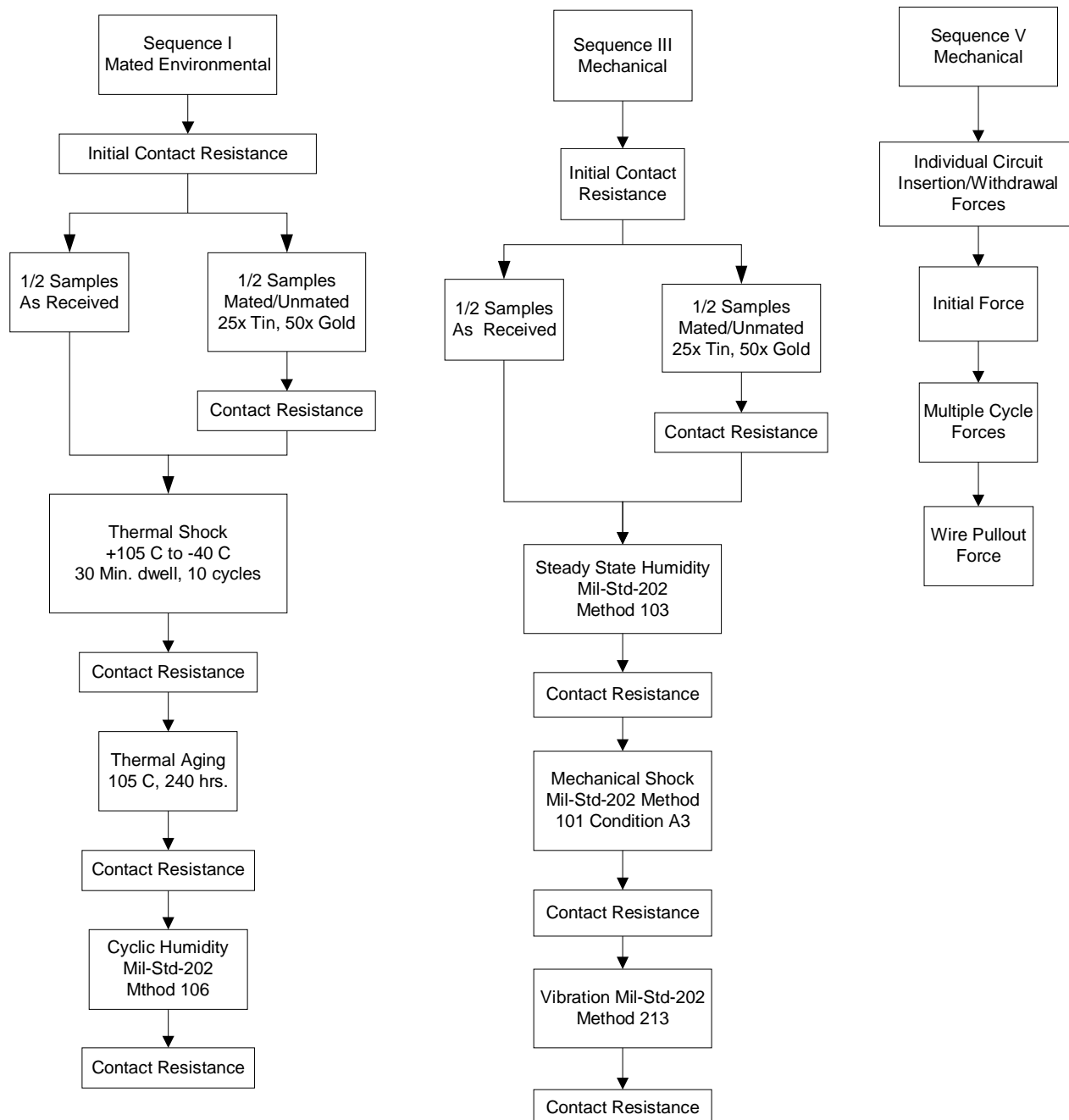


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## PRODUCT SPECIFICATION



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### 9.0 TEST SUMMARY:

#### 9.1 SEQUENCE I - MATED ENVIRONMENTAL:

TEST CONDITION	TREATMENT	REQUIREMENT	UNITS	MEAN	MINIMUM	MAXIMUM
<b>Contact Resistance</b>	Initial	30 max.	milliohms	14.47	13.77	15.08
	After Durability	10 max. Change from initial	$\Delta$ -milliohms	.09	-0.82	1.40
	After Shock (Thermal)	10 max. Change from initial	$\Delta$ -milliohms	.02	-1.15	1.32
	After Thermal Aging	10 max. Change from initial	$\Delta$ -milliohms	.00	-1.06	1.18
	After Humidity (Cyclic)	10 max. Change from initial	$\Delta$ -milliohms	.25	-1.00	1.78

#### 9.2 SEQUENCE III - MECHANICAL:

TEST CONDITION	TREATMENT	REQUIREMENT	UNITS	MEAN	MINIMUM	MAXIMUM
<b>Contact Resistance</b>	Initial	30 max.	milliohms	8.6	8.0	9.4
	After Humidity (Steady State)	10 max. Change from initial	$\Delta$ -milliohms	8.6	8.0	9.6
	After Shock (Mechanical)	10 max. Change from initial	$\Delta$ -milliohms	8.7	8.1	9.9
	After Vibration	10 max. Change from initial	$\Delta$ -milliohms	8.7	8.1	9.4

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## PRODUCT SPECIFICATION



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### 9.3 ENVIRONMENTAL PERFORMANCE:

TEST CONDITION	TREATMENT	REQUIREMENT	UNITS	MAXIMUM
Temperature Rise and Current Cycling (+30°C)	22 AWG	**** Minimum	Amps	3
	24 AWG	**** Minimum	Amps	3
	26 AWG	**** Minimum	Amps	1.8
	28 AWG	**** Minimum	Amps	1.2
	30 AWG	**** Minimum	Amps	0.70
	32 AWG	**** Minimum	Amps	0.45
	34 AWG	**** Minimum	Amps	0.32
	36 AWG	**** Minimum	Amps	0.21

### 9.4 SEQUENCE V - MECHANICAL:

70058 - MATING FORCE SEQUENCE 5.3						
TEST CONDITION	TREATMENT	PLATING	UNITS	MEAN	MINIMUM	MAXIMUM
Insertion Force	Initial	Tin	LB/(N)	0.73/(3.24)	0.62/(2.74)	0.82/(3.63)
		Gold	LB/(N)	0.39/(1.75)	0.28/(1.25)	0.59/(2.62)
	After 25 Cycles	Tin	LB/(N)	0.75/(3.32)	0.64/(2.83)	0.89/(3.94)
	After 50 Cycles	Gold	LB/(N)	0.44/(1.96)	0.27/(1.19)	0.55/(2.44)
Withdrawal Force	Initial	Tin	LB/(N)	0.97/4.31)	0.79/(3.52)	1.05/(4.65)
		Gold	LB/(N)	0.29/(1.28)	0.20/(0.89)	0.44/(1.97)
	After 25 Cycles	Tin	LB/(N)	0.77/(3.43)	0.68/(3.04)	0.90/(4.02)
	After 50 Cycles	Gold	LB/(N)	0.38/(1.69)	0.29/(1.29)	0.56/(2.50)

71851 - MATING FORCE SEQUENCE 5.3						
TEST CONDITION	TREATMENT	PLATING	UNITS	MEAN	MINIMUM	MAXIMUM
Insertion Force	Initial	Tin	LB/N	2.39/10.62	2.24/9.96	2.53/11.25
		Gold	LB/N	0.99/4.39	0.91/4.05	1.05/4.67
	After 25 Cycles	Tin	LB/N	2.18/9.71	1.60/7.12	2.82/12.54
	After 50 Cycles	Gold	LB/N	1.01/4.48	0.86/3.83	1.17/5.20
Withdrawal Force	Initial	Tin	LB/N	2.68/11.92	2.28/10.14	3.18/14.15
		Gold	LB/N	0.69/3.07	0.62/2.76	0.77/3.43
	After 25 Cycles	Tin	LB/N	2.70/12.02	1.79/7.96	4.23/18.82
	After 50 Cycles	Gold	LB/N	1.07/4.76	0.84/3.74	1.25/5.56

REVISE ON PC ONLY		TITLE	<b>PRODUCT SPECIFICATION SINGLE ROW – STACKABLE LINEAR (SL) CONNECTOR SYSTEM</b>	
<b>F</b>	ADD PROCESS TEMPERATURE UDT2002-1016 RSFOX 2/13/02			
REV	DESCRIPTION		THIS DOCUMENT CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
DOCUMENT NO. <b>PS - 70400</b>			FILE NAME	SHEET 13
BORDER TEMPLATE: ES-40000-3996 REV. A SHEET 3 95/MAR/10 EC U5-0926 DCBRD03.LWP				



## PRODUCT SPECIFICATION

**LANGUAGE****ENGLISH**

TEST CONDITION	TREATMENT	PLATING	UNITS	MEAN	MINIMUM	MAXIMUM
<b>Wire Pullout Force (Axial)</b>	22 AWG with strain relief	**** Minimum	N/LB	65.3/14.67	56.2/12.63	72.4/16.28
	22 AWG w/o strain relief	**** Minimum	N/LB	48.0/10.78	39.2/8.81	54.5/12.24
	24 AWG	**** Minimum	N/LB	37.0/8.32	28.5/6.40	44.9/10.10
	26 AWG	**** Minimum	N/LB			
	28 AWG	**** Minimum	N/LB			
	30 AWG	**** Minimum	N/LB			
	32 AWG	**** Minimum	N/LB			
	34 AWG	**** Minimum	N/LB			
	36 AWG	**** Minimum	N/LB			

### 9.5 MISCELLANEOUS:

TEST CONDITION	TREATMENT	REQUIREMENT	UNITS	MEAN	MINIMUM	MAXIMUM
<b>Terminal Retention Force (in Housing)</b>	Initial	**** Minimum	N/LB	37.94/8.53	23.04/5.18	55.74/12.53
<b>Insulation Resistance</b>	Initial	1000 Min.	Megaohms	Passed		
	After Shock (Thermal)	1000 Min.	Megaohms	Passed		
	After Thermal Aging	1000 Min.	Megaohms	Passed		
	After Humidity (Steady State)	1000 Min.	Megaohms	Passed		
	After Humidity (Cyclic)	1000 Min.	Megaohms	Passed		

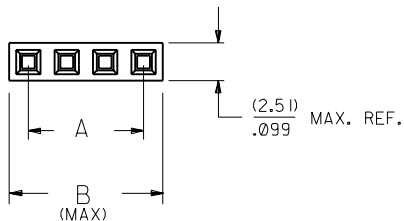
REVISE ON PC ONLY		TITLE	PRODUCT SPECIFICATION SINGLE ROW – STACKABLE LINEAR (SL) CONNECTOR SYSTEM	
F	ADD PROCESS TEMPERATURE UDT2002-1016 RSFOX 2/13/02			
REV	DESCRIPTION		THIS DOCUMENT CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
DOCUMENT NO. PS - 70400			FILE NAME	SHEET 14
BORDER TEMPLATE: ES-40000-3996 REV. A SHEET 3 95/MAR/10 EC U5-0926 DCBRD03.LWP				



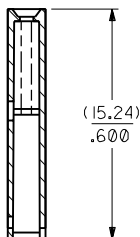
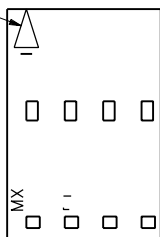
# NOTES:

- 1) MATERIAL: G.F. POLYESTER
- 2) HOUSING TO BE USE WITH TERMINAL PT. NO. 70058-\*\*\*\*
- 3) SEE CHART FOR CIRCUIT SIZES.
- 4) TO BE USED WITH (0.64)/.025 SQ. OR RD. PINS.
- 5) PARTS STACKABLE END TO END AND SIDE BY SIDE ON (2.54)/.100 CENTERS.
- 6) REFER TO PRODUCT SPECIFICATION NO. : P.S.-70058
- 7) PARTS MAY OR MAY NOT BE SUPPLIED WITH EXTERIOR CORE-OUT CONFIGURATION. SEE DWG. SD-70066-\*\*\*\* FOR OPTIONAL HOUSING DETAILS.
- 8) PACKAGE PER PK-70066-100.

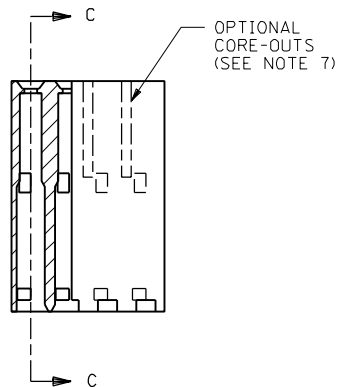
## OPTION "A"



CIRCUIT NO. 1 IDENTIFICATION



## SECTION C-C



CKT. SIZE	EDP. NO.	ENG. NO.	A	B
2	50-57-9002	70066-0001	(2.54) / .100	(5.05) / .199
3	50-57-9003	70066-0002	(5.08) / .200	(7.59) / .299
4	50-57-9004	70066-0003	(7.62) / .300	(10.13) / .399
5	50-57-9005	70066-0004	(10.16) / .400	(12.67) / .499
6	50-57-9006	70066-0005	(12.70) / .500	(15.21) / .599
7	50-57-9007	70066-0006	(15.24) / .600	(17.75) / .699
8	50-57-9008	70066-0007	(17.78) / .700	(20.29) / .799
9	50-57-9009	70066-0008	(20.32) / .800	(22.83) / .899
10	50-57-9010	70066-0009	(22.86) / .900	(25.37) / .999
11	50-57-9011	70066-0010	(25.40) / 1.000	(27.91) / 1.099
12	50-57-9012	70066-0011	(27.94) / 1.100	(30.45) / 1.199
13	50-57-9013	70066-0012	(30.48) / 1.200	(32.99) / 1.299
14	50-57-9014	70066-0013	(33.02) / 1.300	(35.53) / 1.399
15	50-57-9015	70066-0014	(35.56) / 1.400	(38.07) / 1.499
16	50-57-9016	70066-0015	(38.10) / 1.500	(40.61) / 1.599
17	50-57-9017	70066-0016	(40.64) / 1.600	(43.15) / 1.699
18	50-57-9018	70066-0017	(43.18) / 1.700	(45.69) / 1.799
19	50-57-9019	70066-0018	(45.72) / 1.800	(48.23) / 1.899
20	50-57-9020	70066-0019	(48.26) / 1.900	(50.77) / 1.999
21	50-57-9021	70066-0020	(50.80) / 2.000	(53.31) / 2.099
22	50-57-9022	70066-0021	(53.34) / 2.100	(55.85) / 2.199
23	50-57-9023	70066-0022	(55.88) / 2.200	(58.39) / 2.299
24	50-57-9024	70066-0023	(58.42) / 2.300	(60.93) / 2.399
25	50-57-9025	70066-0024	(60.96) / 2.400	(63.47) / 2.499

E		REVISED PER ECR* U10967 UC-MS&SUPL:MO LUC		DIMENSIONS SHOWN (METRIC) INCH		UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°		<div> <div> <div>5 PLACE ± .010</div> <div>2 PLACE ± .014</div> <div>1 PLACE --- ± 0.35</div> </div> <div> <div>INCH</div> <div>METRIC</div> </div> </div>		<div> <div> <div>3 PLACE ± .010</div> <div>2 PLACE ± .014</div> <div>1 PLACE --- ± 0.25</div> </div> <div> <div>INCH</div> <div>METRIC</div> </div> </div>		<div> <div> <div>3 PLACE ± .010</div> <div>2 PLACE ± .014</div> <div>1 PLACE --- ± 0.25</div> </div> <div> <div>INCH</div> <div>METRIC</div> </div> </div>		<div> <div> <div>3 PLACE ± .010</div> <div>2 PLACE ± .014</div> <div>1 PLACE --- ± 0.25</div> </div> <div> <div>INCH</div> <div>METRIC</div> </div> </div>	
D		REVISED PER ECR* U80051 3-27-89 MCB		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		<div> <div> <div>3 PLACE ± .010</div> <div>2 PLACE ± .014</div> <div>1 PLACE --- ± 0.25</div> </div> <div> <div>INCH</div> <div>METRIC</div> </div> </div>		<div> <div> <div>3 PLACE ± .010</div> <div>2 PLACE ± .014</div> <div>1 PLACE --- ± 0.25</div> </div> <div> <div>INCH</div> <div>METRIC</div> </div> </div>		<div> <div> <div>3 PLACE ± .010</div> <div>2 PLACE ± .014</div> <div>1 PLACE --- ± 0.25</div> </div> <div> <div>INCH</div> <div>METRIC</div> </div> </div>					
C		REDRAWN ON CAD ECR * 9120 5/5/86 WZ		<div> <div> <div>3 PLACE ± .010</div> <div>2 PLACE ± .014</div> <div>1 PLACE --- ± 0.25</div> </div> <div> <div>INCH</div> <div>METRIC</div> </div> </div>		<div> <div> <div>3 PLACE ± .010</div> <div>2 PLACE ± .014</div> <div>1 PLACE --- ± 0.25</div> </div> <div> <div>INCH</div> <div>METRIC</div> </div> </div>		<div> <div> <div>3 PLACE ± .010</div> <div>2 PLACE ± .014</div> <div>1 PLACE --- ± 0.25</div> </div> <div> <div>INCH</div> <div>METRIC</div> </div> </div>		<div> <div> <div>3 PLACE ± .010</div> <div>2 PLACE ± .014</div> <div>1 PLACE --- ± 0.25</div> </div> <div> <div>INCH</div> <div>METRIC</div> </div> </div>					
F		ADD PKG NOTE ECN UDT2000-0468 SCHAFER 99/12/1		<div> <div> <div>3 PLACE ± .010</div> <div>2 PLACE ± .014</div> <div>1 PLACE --- ± 0.25</div> </div> <div> <div>INCH</div> <div>METRIC</div> </div> </div>		<div> <div> <div>3 PLACE ± .010</div> <div>2 PLACE ± .014</div> <div>1 PLACE --- ± 0.25</div> </div> <div> <div>INCH</div> <div>METRIC</div> </div> </div>		<div> <div> <div>3 PLACE ± .010</div> <div>2 PLACE ± .014</div> <div>1 PLACE --- ± 0.25</div> </div> <div> <div>INCH</div> <div>METRIC</div> </div> </div>		<div> <div> <div>3 PLACE ± .010</div> <div>2 PLACE ± .014</div> <div>1 PLACE --- ± 0.25</div> </div> <div> <div>INCH</div> <div>METRIC</div> </div> </div>					
LTR.		REVISIONS		LTR.		REVISIONS		<div> <div> <div>3 PLACE ± .010</div> <div>2 PLACE ± .014</div> <div>1 PLACE --- ± 0.25</div> </div> <div> <div>INCH</div> <div>METRIC</div> </div> </div>		<div> <div> <div>3 PLACE ± .010</div> <div>2 PLACE ± .014</div> <div>1 PLACE --- ± 0.25</div> </div> <div> <div>INCH</div> <div>METRIC</div> </div> </div>					

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