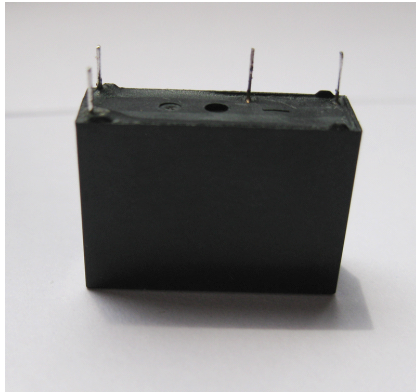


TD04**Feature**

- 1. Low profile size: 20.4(L)x7.0(W)x15.0(H)mm**
- 2. Max Switching Capacity: 5A/250VAC**
- 3. Environmental friendly product**
- 4. Terminal Type: PCB**

Typical applications

- ◆HVAC
- ◆Home Appliances
- ◆Power system
- ◆Air-conditioning System
- ◆Office Equipment

Reference Cross: SRB JZC-43F PCJ LD G5NB

Specifications

◆ Contact Ratings

Number of poles	1 Pole		
Arrangement	1 Form A		
Initial contact resistance, max.(by voltage drop 6VDC/1A)	50m Ω		
Contact material	Silver alloy		
Rating (resistive load)	Nominal switching capacity	3A 250VAC/30VDC	
	Max. switching power	1250VA/150W	
	Max. switching voltage	250VAC	
	Max. switching current	5A	
Expected life (min.operations)	Mechanical (at 300cpm)	1×10^7	
	Electrical (resistive load)	1×10^5	

◆ Coil data

Standard coil				
Rated voltage (VDC)	5	9	12	24
Rated current (mA)	40	22.2	16.7	8.3
Coil resistance (Ω) $\pm$ 10%	125	405	720	2880
Must operate voltage	75% max. of rated voltage			
Must release voltage	5% min. of rated voltage			
Max voltage	130% of rated voltage			
Power consumption	0.2W	0.2W	0.2W	0.2W

◆ Characteristics

Item		
Initial insulation resistance	Min.100 M Ω (at 500VDC)	
Dielectric strength	Between open contacts	750VAC 1 Min.
	Between coil and contacts	4000VAC 1 Min.
Operate time (at nominal voltage)	8ms	
Release time (at nominal voltage)	4ms	
Temperature rise (at nominal voltage)	40K max. (at 20℃)	
Shock resistance	Functional	100 m/ S ²
	Destructive	1000 m/ S ²

RC

深圳市欣日成电子有限公司

Mid-Range Power Relay--TD04**Shenzhen RC Electronics Co., Ltd.**

Vibration resistance	Functional	10 to 55Hz, at double amplitude 1.5mm
	Destructive	
Ambient temperature		-40℃～+85℃
Humidity		45% to 85% RH
Termination		PCB
Unit weight		Approx. 4g

Ordering information**TD04 — X 1 X X X X****1 2 3 4 5 6**

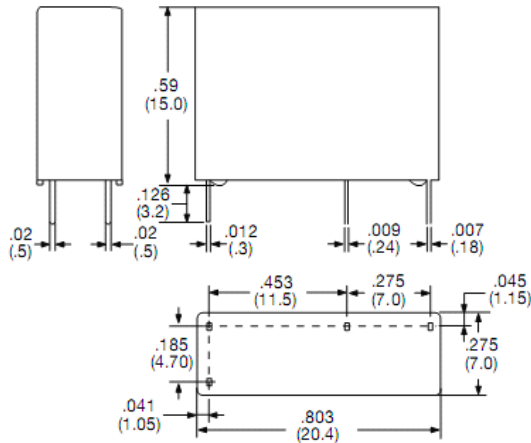
- 1. Product type: TD04**
- 2. Enclosure**
SH—Sealed SS—Vented plastic case
- 3. Coil Voltage**
05—5VDC 12—12VDC
- 4. Coil power**
D—Standard
- 5. Contact material**
1—AgCdO 2—AgSnO₂ 3—AgNi
- 6. Contact arrangement**
M—1 form A

Note: Any special requests, please contact us.

Outline Dimensions, PCB Layout and Wiring Diagram

(Dimensions in bracket are in millimeters)

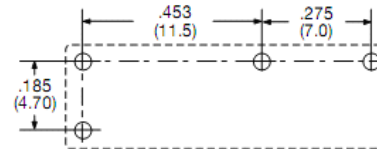
Outline Dimensions



Wiring Diagram (Bottom View)

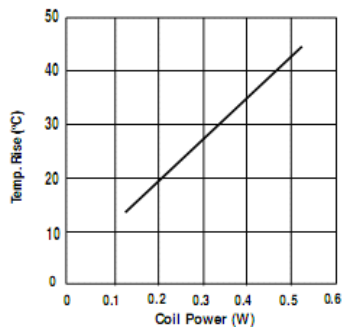


PC Board Layout (Bottom View)

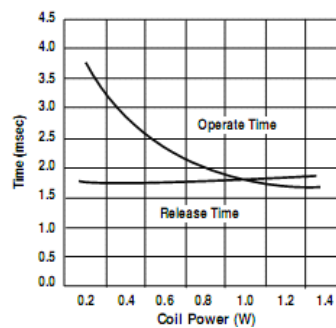


Reference Data

Coil Temperature Rise



Operate Time



Life Expectancy

