



Relays & Solenoids

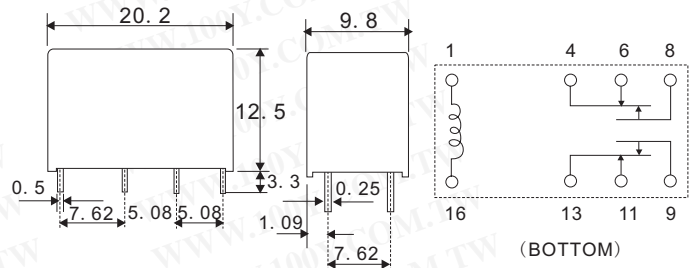
TTI_PCB Relays

Detailed product specifications are available on: us.100y.com.tw

Part No.	Product No.	Manufacturer	Description	Outline L*W*H	Contact Arrangement	Contact Rating	Coil Voltage	Recognized Safety	Type
23079	TRR1A12F00	TTI	TTI Reed Relay-SIP Type	19.6*7.62*5.2mm	1A	DC10W, AC10VA	12VDC	CUL	TRR
23080	TRR1A12S00	TTI	TTI Reed Relay-SMD Type	19.6*7.62*5.2mm	1A	DC10W, AC10VA	12VDC	CUL	TRR
23081	TRR1A24D00	TTI	TTI Reed Relay	19.6*7.62*5.2mm	1A	DC10W, AC10VA	24VDC	CUL	TRR
23082	TRR1B05D00	TTI	TTI Reed Relay	19.6*7.62*5.2mm	1B	DC10W, AC10VA	5VDC	CUL	TRR
23083	TRR1C05D00	TTI	TTI Reed Relay	19.6*7.62*5.2mm	1C	0.2ADC/3VA	5VDC	CUL	TRR
23084	TRR1C05S00	TTI	TTI Reed Relay-SMD Type	19.6*7.62*5.2mm	1C	0.2ADC/3VA	5VDC	CUL	TRR
23085	TRR1C12D00	TTI	TTI Reed Relay	19.6*7.62*5.2mm	1C	0.2ADC/3VA	12VDC	CUL	TRR
23086	TRR2A05D	TTI	TTI Reed Relay	19.6*7.62*5.2mm	2A	DC10W, AC10VA	5VDC	CUL	TRR
23087	TRR2A12D	TTI	TTI Reed Relay	19.6*7.62*5.2mm	2A	DC10W, AC10VA	12VDC	CUL	TRR

MAIN FEATURES

- 2 Form C (DPDT) bifurcated-cross-bar contacts.
- Gold Clad silver contact.
- Dip-2C type matching 16pin IC socket.
- Sealed type available.
- UL recognized.
- High sensitivity.
- Coil Power Consumption : 0.15 ~ 0.51W
- UL and cUL recognized



PERFORMANCE (at initial value)

Item	Type	TRS
Contact Resistance		100mΩ Max
Operation Time		6msec Max.
Release Time		5msec Max.
Dielectric Strength	Between coil & contact	1000VAC 50/60Hz (1 minute)
	Between contacts	500VAC 50/60Hz(1 minute)
Surge Resistiveness		1500V
Insulation resistance		1000MΩ Min. (500VDC)
Max. ON/OFF Switching	Mechanically	300 operation/min
	Electrically	30 operation/min
Shock resistance	Endurance	100G Min.
	Error Operation	10G Min.
Vibration	Functional	10 to 55Hz Double Amplitude 1.5mm
	Destructive	10 to 55Hz Double Amplitude 1.5mm
Operating Ambient Temperature		-30°C to +70°C (No water condensation and no water drop)
Operating Humidity		45 to 85% RH
Coil Temperature Rise		40 deg. Max. (at rated coil voltage)
Life expectancy	Mechanically	10x10 ⁷ ops. Min. (no load)
	Electrically	10x10 ⁷ ops. Min.
	Weight	abt. 4. 8grs.

APPLICATIONS

- Telecommunication equipment, domestic appliances, office machines, audio equipment, etc.



CONTACT RATING

Item	Type	TRS
Contact Capacity		0. 5A/125VAC
Resistance load (cosΦ=1)		2A/28VDC
Inductive Load (cosΦ=0.4 L/R=7msec.)		
Rated carrying current		2A
Max. Allowable voltage		125VDC, 28VAC
Max. Allowable current		2A
Max. Allowable power force		62. 5VA, 56W
Referenced Min. applicable Load		100mVDC 0. 1mA
Contact Material		AgPd+Au Clad

Part No.	Product No.	Manufacturer	Description	Outline L*W*H	Contact Arrangement	Contact Rating	Coil Voltage	Recognized Safety	Type
23088	TRS-12VDC-SB-L15	TTI	TTI Relay	20.8*10.0*12.0mm	DPDT	0.5A 125VAC/28V DC	12VDC	CUL	TRS
23089	TRS-12VDC-SB-L20	TTI	TTI Relay	20.8*10.0*12.0mm	DPDT	0.5A 125VAC/28V DC	12VDC	CUL	TRS
23090	TRS-24VDC-SB-L20	TTI	TTI Relay	20.8*10.0*12.0mm	DPDT	0.5 125VAC/28VDC	24VDC	CUL	TRS
23091	TRS-3VDC-SB-L15	TTI	TTI Relay	20.8*10.0*12.0mm	DPDT	0.5A 125VAC/28VDC	3VDC	CUL	TRS
23092	TRS-48VDC-SB-D50	TTI	TTI Relay	20.8*10.0*12.0mm	DPDT	0.5A 125VAC/28VDC	48VDC	CUL	TRS
23093	TRS-5VDC-SA-L15	TTI	TTI Relay	20.8*10.0*12.0mm	DPDT	0.5A 125VAC/28VDC	5VDC	CUL	TRS
23094	TRS-5VDC-SB-L15	TTI	TTI Relay	20.8*10.0*12.0mm	DPDT	0.5A 125VAC/28V DC	5VDC	CUL	TRS
23096	TRS-5VDC-SB-L20	TTI	TTI Relay	20.8*10.0*12.0mm	DPDT	0.5A 125VAC/28VDC	5VDC	CUL	TRS
23098	TRS-6VDC-SB-L20	TTI	TTI Relay	20.8*10.0*12.0mm	DPDT	0.5A 125VAC/28VDC	6VDC	CUL	TRS
23099	TRS-9VDC-SB-L20	TTI	TTI Relay	20.8*10.0*12.0mm	DPDT	0.5A 125VAC/28VDC	9VDC	CUL	TRS

MAIN FEATURES

- High contact capacity : 12A, (15A for TUV approved)
- UL/CSA, TUV recognized. TRUT (TV-5 Approved).
- Employment of suitable plastic materials to be applied to high temperature and various chemical solution.
- Sealed types available.

APPLICATIONS

- TRU: • Home appliance, air conditioner, heater, etc.
- Automotive Power-window, car antenna, door-lock, etc.
 - Office machine, facsimile, etc.
 - Vending machine.
- TRUT: • Remote control TV receivers, monitor displays, audio equipment high rushing current use application.

