



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
2292 0	TRB-3D-SB3-CD	TTI	TTI Relay	15.5*10.7*11.8mm	1 From C	3A 125VAC/30VDC	3VDC	CUL	TRB
22916	TRB-5D-SB3-CD0.36W	TTI	TTI Relay	15.5*10.7*11.8mm	1 From C	3A 125VAC/30VDC	5VDC	CUL	TRB
22921	TRB-6D-SA-CD	TTI	TT Relay	15.5*10.7*11.8mm	1 From C	1A 125VAC/30VDC	6VDC	CUL	TRB
22917	TRB-6D-SB3-CD0.36W	TTI	TTI Relay	15.5*10.7*11.8mm	1 From C	3A 125VAC/30VDC	6VDC	CUL	TRB
22918	TRB-9D-SB3-CD0.36W	TTI	TTI Relay	15.5*10.7*11.8mm	1 From C	3A 125VAC/30VDC	9VDC	CUL	TRB



MAIN FEATURES

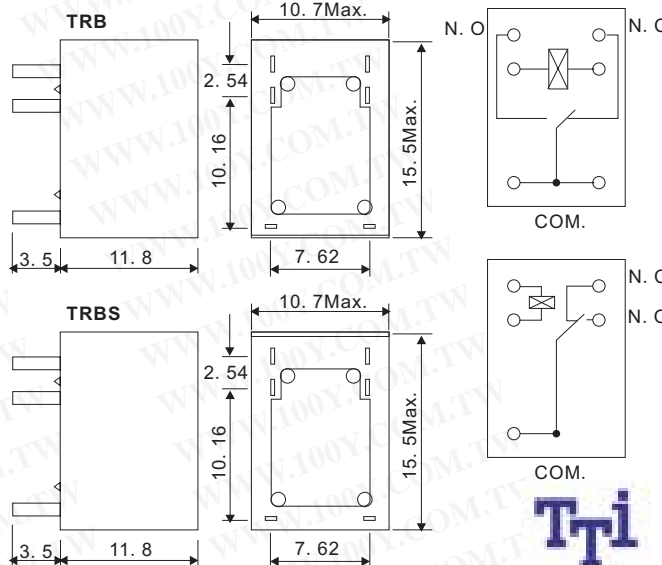
- Subminiature type.
- Silver or silver alloy contacts with gold plated
- Low dissipation
- Sealed type available
- Design conform to foreign safety standard UL.

APPLICATIONS

- Microprocessor control, store program exchanger and Household appliance

PERFORMANCE (at initial value)

Item	Type	TRA
Contact resistance		100mΩ Max.
Operation Time		5msec Max.
Release Time		5msec Max.
Dielectric strength		500VAC 50/60HZ (1minute)
Between coil & contact		500VAC 50/60HZ (1minute)
Between contacts		500VAC 50/60HZ (1minute)
Surge resistiveness		1000V (between coil & contact 1x40 usec)
Insulation resistance		100MΩ Min. (500VDC)
Max. ON/OFF Switching		300 operation/min
Mechanically		30 operation/min
Electrically		
Operating Ambient Temperature		-25°C to +55°C (No water condensation and no water drop)
Operating humidity		45 to 85% RH
Coil temperature rise		40 deg. Max. (at rated coil voltage)
Vibration		10 to 55HZ Single amplitude 0.35mm
Endurance		10 to 55HZ Single amplitude 0.35mm
Error operation		
Shock		50G Min.
Endurance		10G Min.
Error operation		
Life expectancy		10x10 ⁶ operations Min. (no load)
Mechanically		10x10 ⁶ operations Min. (at rated coil voltage)
Electrically		
Weight		Abt. 3.5grs.



CONTACT RATING

Item	Type	TRB-B/TRBS-B	TRB-B3	TRB-B5
		1 Amp type	3 Amp type	5 Amp type
Contact Capacity		Coil=0.2W	Coil=0.36W	Coil=0.45W
Resistive Load		1A 125VAC	3A 125VAC	5A 125VAC
(cosΦ=1)		1A 30VDC	3A 30VDC	5A 14VDC
Inductive Load		0.3A 125VAC		
(cosΦ=0.4 L/R=7msed)		0.3A 30VDC		
Rated Carrying Current		1A	3A	5A
Max. Allowable Voltage		125VAC, 30VDC		
Max. Allowable Current		1A	3A	5A
Max. Allowable Power Force		125VA, 30W	375VA, 90W	625VA, 70W
Contact material		Ag alloy		

Part No.	Product No.	Manufacturer	Description	Outline L*W*H	Contact Arrangement	Contact Rating	Coil Voltage	Recognized Safety	Type
22922	TRBS-12D-SA-CL	TTI	TTI Relay	15.5*10.7*11.8mm	1 From C	1A 125VAC/30VDC	12VDC	CUL	TRBS
22925	TRBS-12D-SB3-CD	TTI	TTI Relay	15.5*10.7*11.8mm	1 From C	3A 125VAC/30VDC	12VDC	CUL	TRBS
22926	TRBS-24D-SA-CL	TTI	TTI Relay	15.5*10.7*11.8mm	1 From C	1A 125VAC/30VDC	24VDC	CUL	TRBS
22927	TRBS-5D-SA-CL	TTI	TTI Relay	15.5*10.7*11.8mm	1 From C	1A 125VAC/30VDC	5VDC	CUL	TRBS
22930	TRBS-6D-SA-CL	TTI	TTI Relay	15.5*10.7*11.8mm	1 From C	1A 125VAC/30VDC	6VDC	CUL	TRBS
22931	TRBS-9D-SA-CL	TTI	TTI Relay	15.5*10.7*11.8mm	1 From C	1A 125VAC/30VDC	9VDC	CUL	TRBS

MAIN FEATURES

- Smallest size (10.2x18.2x15 mm) at 10A switching capacity relay for high density P.C. board mounting technique.
- 1A and 1C contact form available.
- Surge resistiveness of 5000V on series relays.
- Design conforms to foreign safety standard (UL/CSA/TUV).
- Selection of plastic insulation material for high temperature and better chemical solution performance.

APPLICATIONS

- Domestic appliance, office machine, audio equipment, automobile, etc.

