



Relays & Solenoids

TTI_PCB Relays

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



MAIN FEATURES

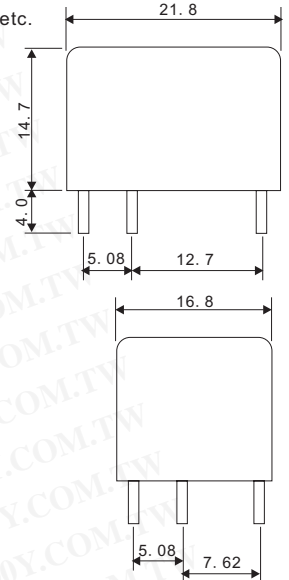
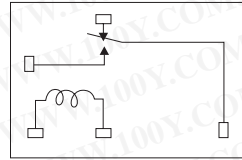
- TR72 series relay covers switching capacity from dry circuit by 10A to comply with user's wide selection.
- UL, CSA recognized.
- 2.54mm terminal pitch employment equal to I.C. terminal pitch.
- Employment of suitable plastic materials to be applied to high temperature and various chemical solutions.
- Complete protective construction from dust and soldering flux. If required. Plastic epoxy resin sealed type is available for washing procedure.

APPLICATIONS

- Cooling Appliance, air conditioner, audio equipment, domestic appliance, car control unit, etc.

PERFORMANCE (at initial value)

Item	Type	TR72
Operation time		8ms. Max.
Release time		4msec. Max
Insulation Resistance		100MΩ Min. (500VDC)
Dielectric strength Between coil & contact Between contacts		2000VAC 50/60Hz (1 minute) 750VAC 50/60Hz (1minute)
Surge Resistiveness		3500V(between coil & contacts 1 40 usec.)
Max. ON/OFF Switching Mechanically Electrically		300 operation/min 30 operation/min
Operating Ambient Temperature		-30°C to +60°C
Operating Humidity		45 to 85% RH
Coil Temperature Rise		50 deg. Max.
Weight		abt. 10grs.



CONTACT RATING

Item	Type	TR72
Contact capacity Resistive load (cosΦ=1)		10A 120VAC 10A 28VDC
Rated carrying current		10A
Max. allowable voltage		250VAC, 110VDC
Max. allowable current		10A
Max. allowable power force		1200VA, 280W
Referenced min. Applicable Load		5VDC, 100mA
Contact material		Ag alloy

Part No.	Product No.	Manufacturer	Description	Outline L*W*H	Contact Arrangement	Contact Rating	Coil Voltage	Recognized Safety	Type
22858	TR72-12D-FB-C	TTI	TTI Relay	21.8*16.8*14.70	1 Form C	10A/28VDC	12VDC	CUL	TR72
22859	TR72-12D-SB-C	TTI	TTI Relay	21.8*16.8*14.7	1 Form C	10A/28VDC	12VDC	CUL	TR72
22860	TR72-24D-SB-C	TTI	TTI Relay	21.8*16.8*14.7	1 Form C	10A/28VDC	24VDC	CUL	TR72
22862	TR72-5D-SB-C	TTI	TTI Relay	21.8*16.8*14.7	1 Form C	10A/28VDC	5VDC	CUL	TR72
22863	TR72-6D-SB-C	TTI	TTI Relay	21.8*16.8*14.7	1 Form C	10A/28VDC	6VDC	CUL	TR72
22864	TR72-9D-SB-C	TTI	TTI Relay	21.8*16.8*14.7	1 Form C	10A/28VDC	9VDC	CUL	TR72



MAIN FEATURES

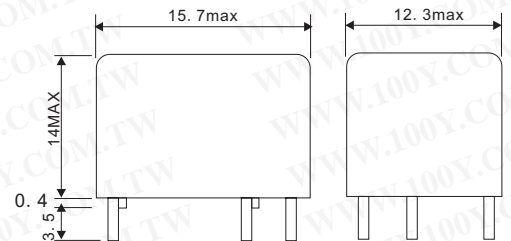
- Subminiature, Light Weight
- Big Gap Type Available for Heavy Motor Load Switching
- Improved Resistance to Shock and Vibration
- High Contact Current Capacity
- Automotive-Oriented design

APPLICATIONS IN

- Interval Wipers, Door Lock, Window Lifter, Alarm System
- Wiper Motor Reverse, Automatic Mirror Adjustment,
- Fuel Pump Control, Belt Tension Adjustment

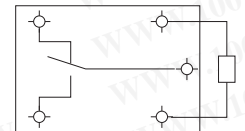
PERFORMANCE (at initial value)

Item	Type	TR81
Operation time		10msec
Release time		5msec
Insulation Resistance		100 M Min. (at 500VDC)
Dielectric strength Between coil & contact Between contacts		500VAC 50/60Hz (1 minute) 500VAC 50/60Hz (1 minute)
Surge Resistiveness		1500V
Max. ON/OFF Switching Mechanically Electrically		300 operation/min 30 operation/min
Operating Ambient Temperature		-30°C to +80°C (No water condensation and no water drop)
Operating Humidity		45 to 85% RH
Coil Temperature Rise		40 deg. Max. (at rated coil voltage)
Weight		abt. 6grs.



CONTACT RATING

Item	Type	TR81
Contact capacity Resistive load (cosΦ=1)		N/C : 15A 14VDC , 10A 120VAC N/O : 20A 14VDC , 10A 120VAC
Rated carrying current		25A/hr
Max. allowable voltage		250VAC 30VDC
Max. allowable current		20A
Max. allowable power force		1200VA, 280W
Referenced min. Applicable Load		10mA, 5VDC
Contact material		Ag alloy



Part No.	Product No.	Manufacturer	Description	Outline L*W*H	Contact Arrangement	Coil Voltage	Type
22865	TR81-12VDC-SC-C	TTI	TTI Relay	15.7*12.3*14	1 Form C	12VDC	TR81



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