



TRJ

MAIN FEATURES

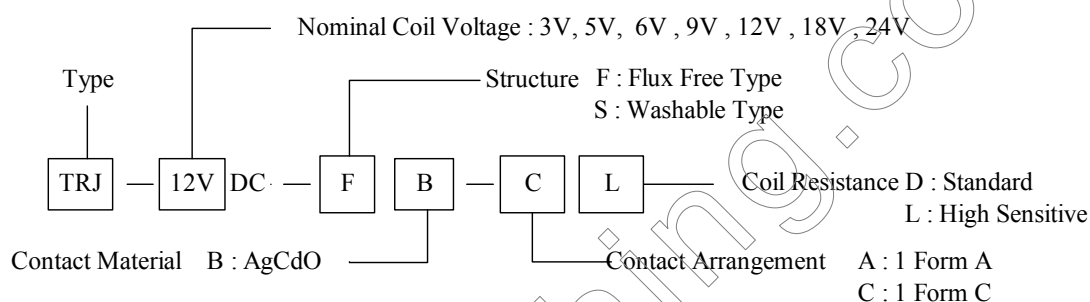
- 5A 、10A switching capabilities
- SPST-NO and SPDT configuration
- Subminiature, standard PC layout
- Sealed & Unsealed types available

APPLICATIONS

- House-hold appliance, office machine, etc.



ORDERING INFORMATION

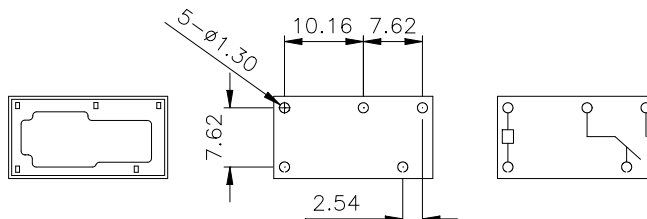
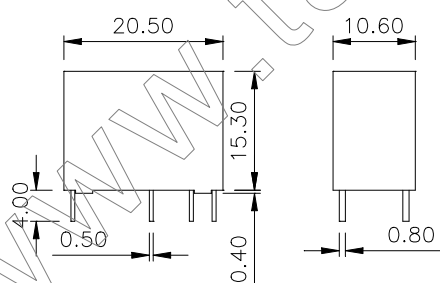


DIMENSION (unit:mm)

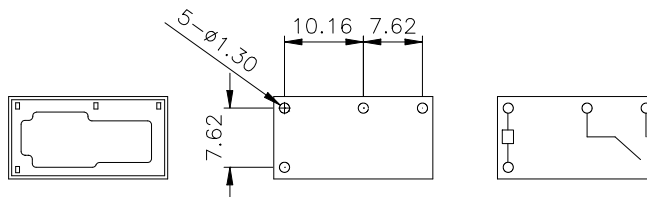
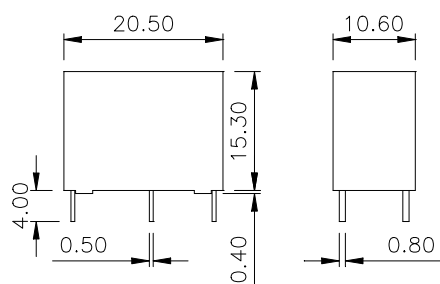
DRILLING (unit:mm)

WIRING DIAGRAM

1 Form C



1 Form A



■ COIL DATA CHART (AT20°C)

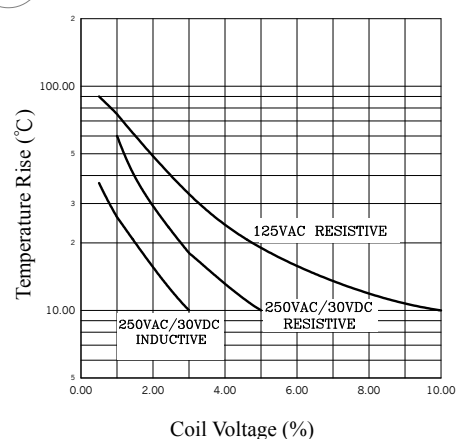
Coil Sensitivity	Coil Voltage Code	Nominal Voltage (VDC)	Nominal Current (mA)	Coil Resistance (Ω) $\pm 10\%$	Power Consumption (W)	Pull-In Voltage (VDC)	Drop-Out Voltage (VDC)	Max-Allowable Voltage (VDC)
TRJ-L (High Sensitivity)	03	3	67	45	abt. 0.2W	75% Max.	5% Min.	110% Max.
	05	5	40	125				
	06	6	33.3	180				
	09	9	22.5	400				
	12	12	16.7	720				
	18	18	11.25	1600				
TRJ-D (Standard)	24	24	8.57	2800				
	03	3	150	20	abt. 0.45W	75% Max.	5% Min.	110% Max.
	05	5	91	55				
	06	6	75	80				
	09	9	50	180				
	12	12	37.5	320				
	18	18	25	720				
	24	24	18.75	1280				

■ CONTACT RATING

Type	TRJ			
	1 Form A		1 Form C	
Item			N/O	N/C
Contact Capacity	5A	30VDC	5A	30VDC
Resistive Load ($\cos\Phi=1$)	5A	250VAC	5A	250VAC
	10A	125VAC	10A	125VAC
Inductive Load ($\cos\Phi=0.4$ L/R=7msec)	4A	125VAC	4A	125VAC
	3A	30VDC	3A	30VDC
Rated Carrying Current	10A		10A	3A
Max. Allowable Voltage	110VDC, 250VAC			
Max. Allowable Current	10A		10A	3A
Max. Allowable Power Force	1250VA, 150W			
Contact Material	Ag Alloy			

■ REFERENCE DATA

Coil Temperature Rise



■ PERFORMANCE (at initial value)

Type	TRJ
Item	
Contact Resistance	100m Ω Max(measured at 1A 24VDC).
Operation Time	8msec Max.
Release Time	5msec Max.
Dielectric Strength	
Between coil & contact	4000VAC, 1min
Between contacts	1000VAC, 1min
Insulation Resistance	1000 M Ω Min. (500VDC)
Operating Ambient Temperature	-40° C to +70° C
Operating Humidity	35% ~ 95%
Vibration Resistance	10 to 55HZ Double Amplitude 1.6mm
Shock Resistance	100 m/s ² Malfunction 1000 m/s ² Malfunction
Life Expectancy	
Mechanically	1 $\times$ 10 ⁷ ops. Min. (no load)
Electrically	1 $\times$ 10 ⁵ ops. Min. (at rated coil voltage)
Weight	Abt. 7grs.

Life Expectancy

