



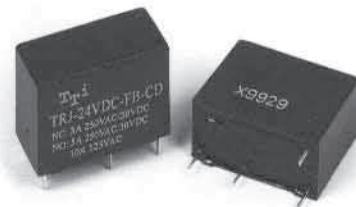
TRJ

■ MAIN FEATURES

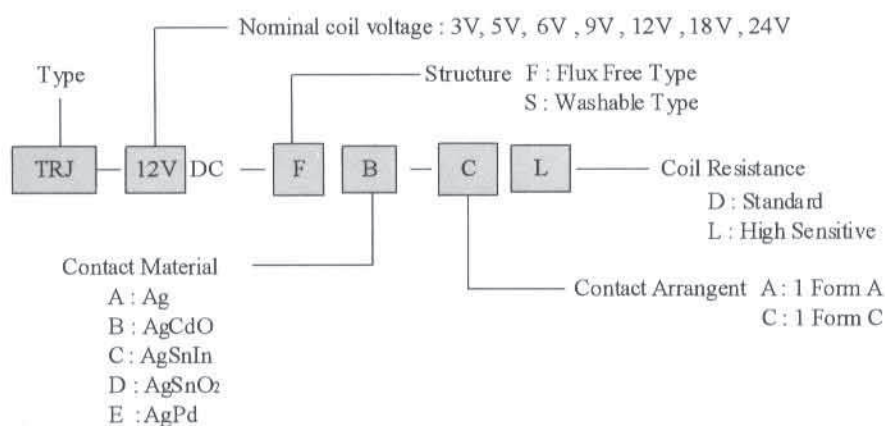
- 5A ~ 10A switching capabilities
- SPST-NO and SPDT configurations
- Subminiature, standard PC layout
- Sealed & Unsealed types available

■ APPLICATIONS

- House-hold appliances, office machines, etc.



■ ORDERING INFORMATION

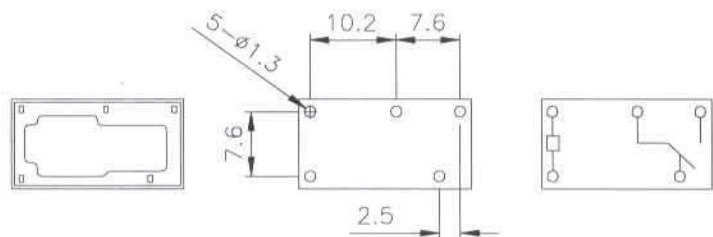
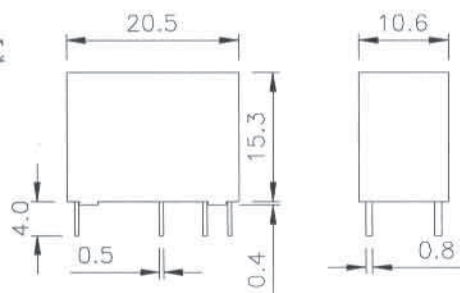


■ DIMENSION (unit:mm)

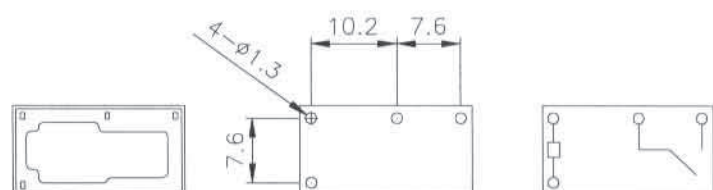
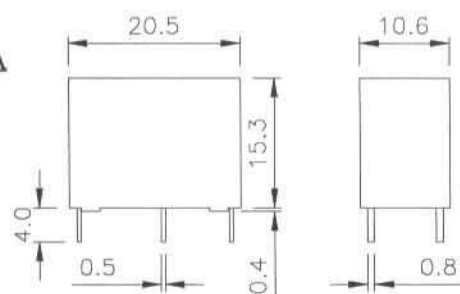
■ DRILLING (unit:mm)

■ WIRING DIAGRAM

1 Form C



1 Form A



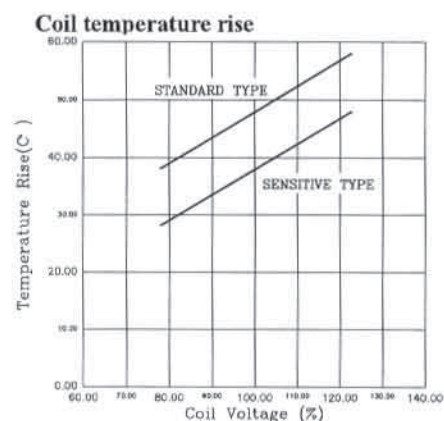
■ COIL DATA CHART (AT20°C)

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				
	24	24	8.57	2800				
TRJ-D (Standard)	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

Item \ Type	TRJ		
	1 Form A	1 Form C	
		N/O	N/C
Contact Capacity	30VDC 5A	30VDC 5A	30VDC 3A
Resistive Load (cos Φ =1)	250VAC 5A	250VAC 5A	250VAC 3A
	125VAC 10A	125VAC 10A	
Inductive Load (cos Φ =0.4 L/R=7msec)	125VAC 4A	125VAC 4A	125VAC 3A
	30VDC 3A	30VDC 3A	30VDC 2A
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		

■ REFERENCIAL DATA



■ PERFORMANCE (at initial value)

Item \ Type	TRJ
Contact Resistance	100m Ω Max(measured at 1A 24VDC).
Operate Time	8msec Max.
Release Time	5msec Max.
Dielectric Strength	
Between coil & contact	4000VAC, 1min
Between contacts	1000VAC, 1min
Insulation Resistance	1000 M Ω Min. (DC500V)
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

