



TRJ

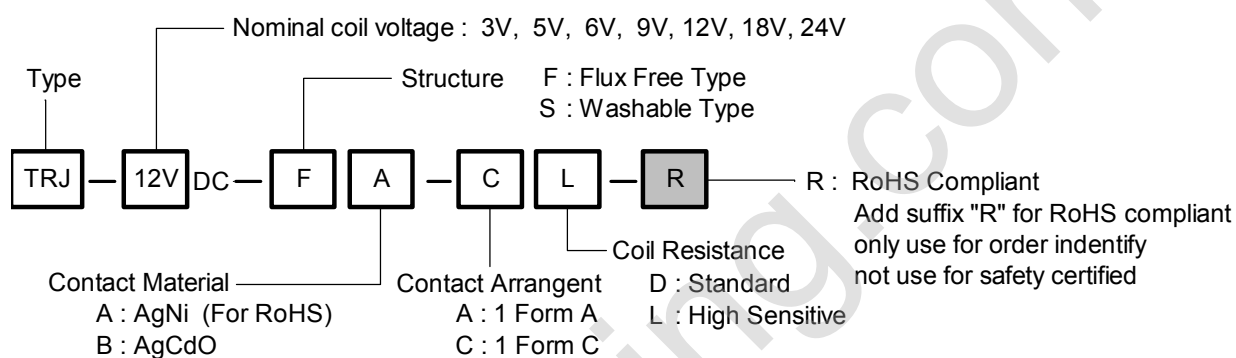
➤ MAIN FEATURES

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

➤ APPLICATIONS

- House-hold appliance, office machine, etc.

➤ ORDERING INFORMATION

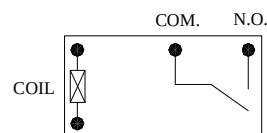
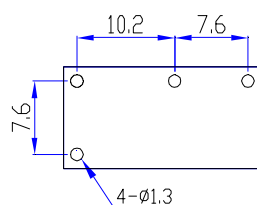
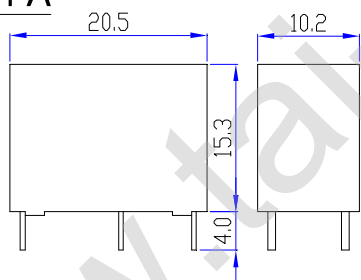


■ DIMENSION (unit:mm)

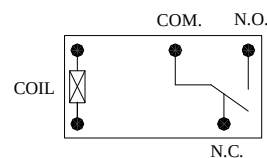
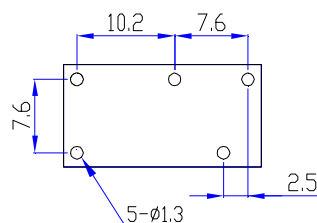
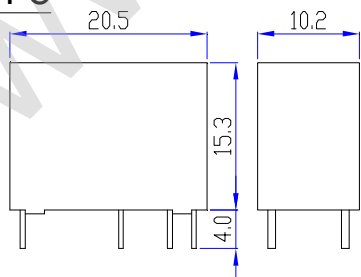
■ DRILLING (unit:mm)

■ WIRING DIAGRAM

1 Form A



1 Form C



Remark: 1.In case of no tolerance shown in dimension: $\pm 0.5\text{mm}$.
2.The tolerance without indicating for DRILLING is always $\pm 0.1\text{mm}$.

➤ **COIL DATA CHART**(at 20℃)

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

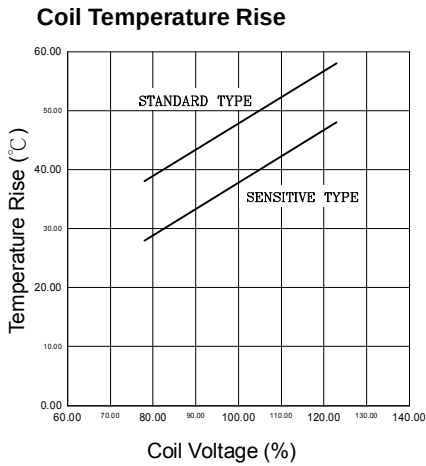
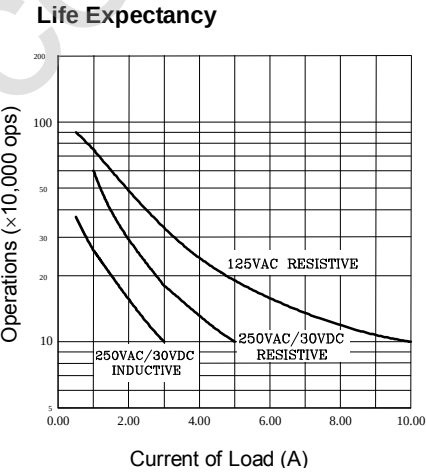
➤ **CONTACT RATING**

Item \ Type	TRJ			
	1 Form A	1 Form C		
		N/O	N/C	
Contact Capacity	5A 30VDC	5A 30VDC	3A 30VDC	
Resistive Load (cosΦ=1)	5A 250VAC 10A 125VAC	5A 250VAC 10A 125VAC	3A 250VAC	
Rated Carrying Current	10A	10A	3A	
Max. Allowable Voltage	30VDC 277VAC			
Max. Allowable Current	10A	10A	3A	
Max. Allowable Power Force	150W	1250VA	90W 750VA	
Contact Material	Ag Alloy			

➤ **PERFORMANCE** (at initial value)

Item \ Type	TRJ
Contact Resistance	100mΩMax(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 MΩMin. (500VDC)
Operating Ambient Temperature	-40℃ to +70℃
Operating Humidity	35% ~ 95%
Vibration Resistance	10 to 55Hz Double Amplitude 1.6mm
Shock Resistance	
Function	100 m/s ²
Destructive	1000 m/s ²
Life Expectancy	
Mechanically	1 × 10 ⁷ ops. Min. (no load)
Electrically	1 × 10 ⁵ ops. Min. (at rated coil voltage)
Weight	Abt. 7grs
UL & cUL	E156406

➤ **REFERENCE DATA**



This datasheet for reference and subject to change without notice. Please double check final specification with Tai-Shing.
(0939AA08VOL01)