



# TRJ

勝特力材料 886-3-5753170  
 勝特力电子(上海) 86-21-34970699  
 勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)

## ➤ MAIN FEATURES

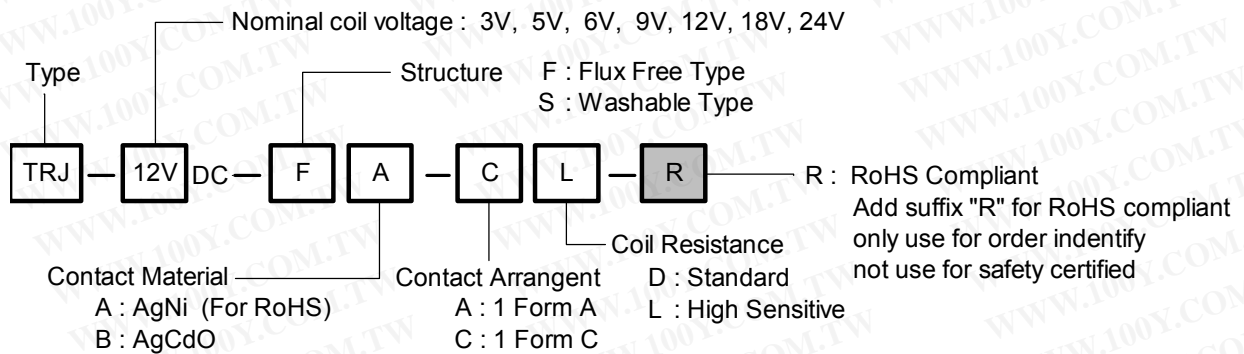
- 5A、10A switching capabilities
- SPST-NO and SPDT configuration
- Subminiature, standard PC layout
- Sealed & Unsealed types available
- UL & cUL recognized.

## ➤ APPLICATIONS

- House-hold appliance, office machine, etc.



## ➤ ORDERING INFORMATION

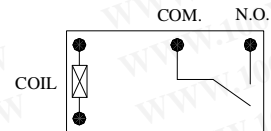
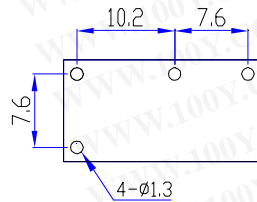
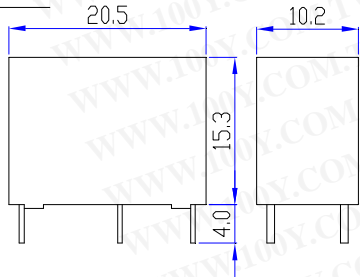


## ■ DIMENSION (unit:mm)

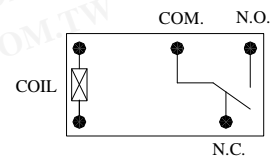
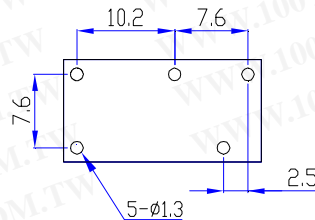
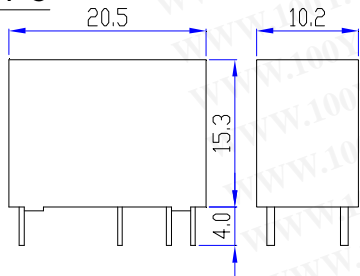
## ■ DRILLING (unit:mm)

## ■ 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°C)

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)	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/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°C to +70°C
Operating Humidity		35% ~ 95%
Vibration Resistance		10 to 55Hz Double Amplitude 1.6mm
Shock Resistance		Function 100 m/s <sup>2</sup> Destructive 1000 m/s <sup>2</sup>
Life Expectancy		Mechanically 1 × 10 <sup>7</sup> ops. Min. (no load) Electrically 1 × 10 <sup>5</sup> ops. Min. (at rated coil voltage)
Weight		Abt. 7grs
UL & cUL		E156406

➤ **REFERENCE DATA**

