



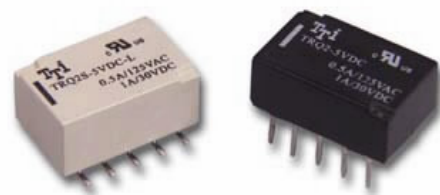
TRQ2

MAIN FEATURES

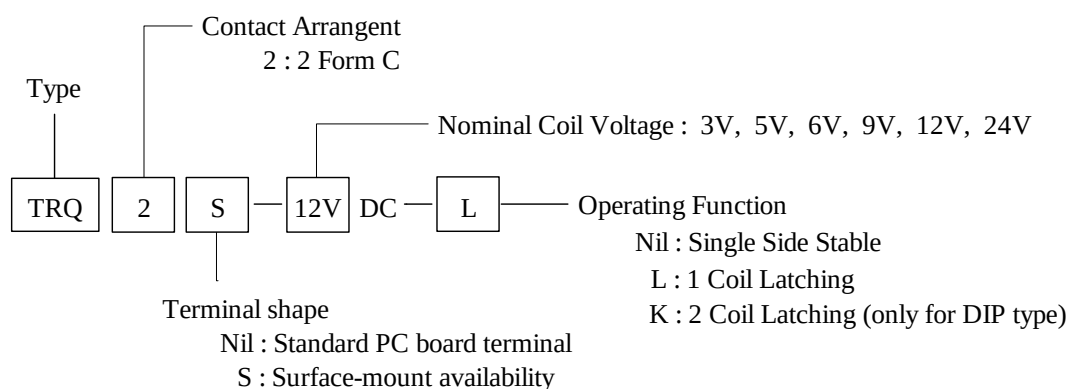
- ü DIL Pitch Terminals High Sensitivity: 0.14W Nominal Power
- ü Conforms to FCC Part 68 1.5Kv Surge and Dielectric 1000VAC.
- ü Monostable or bistable relays Single and double Coil magnet latching Type available.

APPLICATIONS

- ü Telecommunication Equipment, Office Equipment, Security Alarm Systems, Measuring instruments, Medical Monitoring Equipment, Audio Visual Equipment, Flight Simulator, Sensor Control



ORDERING INFORMATION

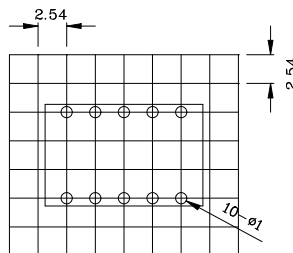
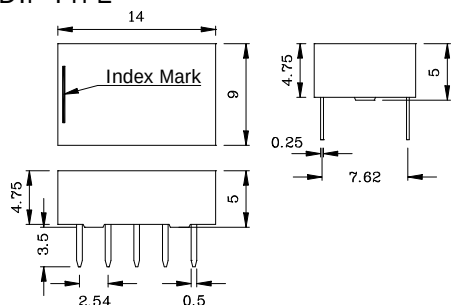


DIMENSION(unit:mm)

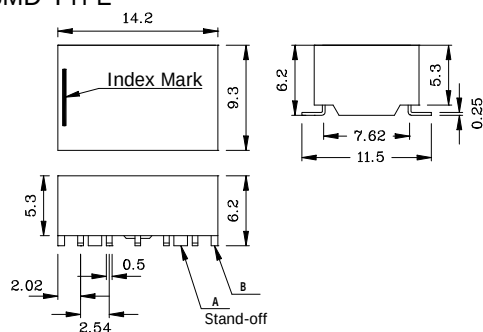
DRILLING(unit:mm)

WIRING DIAGRAM

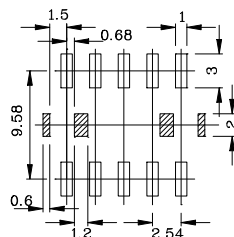
DIP TYPE



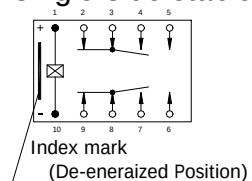
SMD TYPE



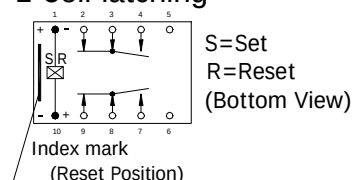
Mounting Pad Layout (mm)



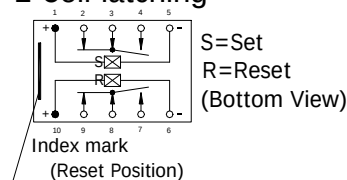
Single Side stable



1 Coli latching



2 Coli latching



■ COIL DATA CHART (AT20°C)

Coil Voltage VDC (Rated)	Coil Voltage Code	Nominal Voltage (VDC)	Coil Voltage VDC (Max)	Nominal Current (mA)	Coil Resistance (Ω) $\pm 10\%$		Coil Power (W)	Pickup voltage VDC(Max) (75% of rated voltage)	Release voltage VDC(Min) (10% of rated voltage)
Sing Side Slable	03	3	7.5	46.7	64.3		0.14	2.25	0.3
	05	5	12.5	28.1	178		0.14	3.75	0.5
	06	6	15.0	23.4	257		0.14	4.50	0.6
	09	9	22.5	15.5	579		0.14	6.75	0.9
	12	12	30.0	11.7	1028		0.14	9.00	1.2
	24	24	48.0	8.3	2880		0.20	18.0	2.4
1 Coil Latching	03	3	8.7	33.3	90		0.10	2.25	-2.25
	05	5	14.5	20.0	250		0.10	3.75	-3.75
	06	6	17.4	16.7	360		0.10	4.50	-4.50
	09	9	26.1	11.1	810		0.10	6.75	-6.75
	12	12	34.8	8.3	1440		0.10	9.00	-9.00
	24	24	57.6	6.3	3840		0.15	18.0	-18.0
2 Coil Latching	03	3	8.7	33.3	45	45	0.20	2.25	2.25
	05	5	14.5	20.0	125	125	0.20	3.75	3.75
	06	6	17.4	16.7	180	180	0.20	4.50	4.50
	09	9	26.1	11.1	405	405	0.20	6.75	6.75
	12	12	34.8	8.3	720	720	0.20	9.00	9.00
	24	24	57.6	6.3	1920	1920	0.30	18.0	18.0

(Set Coil) (Reset Coil)

■ CONTACT RATING

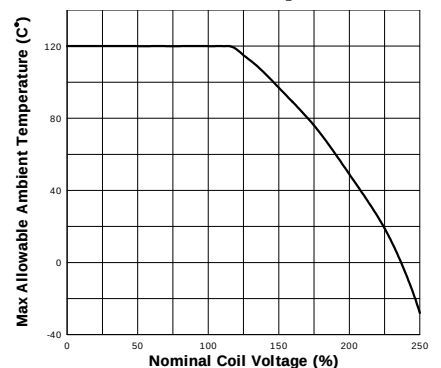
Type	Item	TRQ
Contact Capacity Resistive Load ($\cos\Phi=1$)		1A / 30VDC
		0.5A / 125VAC
Rated Carrying Current		1A
Max. Switching Voltage		220VDC, 250VAC
Max. Switching Current		1A
Max. Switching Power Force		30W, 62.5VA
Referenced Min. Applicable Load		10 mA resistive at 10mVDC
Contact Material		AgPd + Au Clad

■ PERFORMANCE (at initial value)

Item	Type	TRQ
Contact Resistance		50m Ω Max. at initial
Operation Time		Approx. 5msec
Release Time		Approx. 5msec
Dielectric Strength	Between open contacts	1000VAC (1 minute)
	Between coil & contact	1000VAC (1 minute)
	Between Contacts Poles	1000VAC (1 minute)
Surge Withstand Voltage	Between open Contacts	1500V
	Between coil & Contacts	1500V
	Between Contacts Poles	2500V
Shock Resistance	Functional	500m/s ² 11ms
	Endurance	1000m/s ² 6ms
Vibration		
Functional		3mm D.A. 10 to 55Hz
Destructive		5mm D.A. 10 to 55Hz
Terminals resistance		5N
Solderability		235°C $\pm 2^\circ\text{C}$, 3 $\pm$ 0.5s
Temperature Range		-40~70°C (-40~158°F)
Insulation Resistance		1000 M Ω Min. (500VDC)
Life Expectancy	Mechanically	1 $\times$ 10 ⁸ ops. Min. (no load)
	Electrically	2 $\times$ 10 ⁵ ops. Min. (1A/30VDC)
		1 $\times$ 10 ⁵ ops. Min. (0.5A/125VDC)
Weight		1.5grs.
UL File No.		E156521

■ REFERENCE DATA

Max Allowable Ambient Temperature



Power Load Limit

