



Power Relay

TRND

MAIN FEATURES

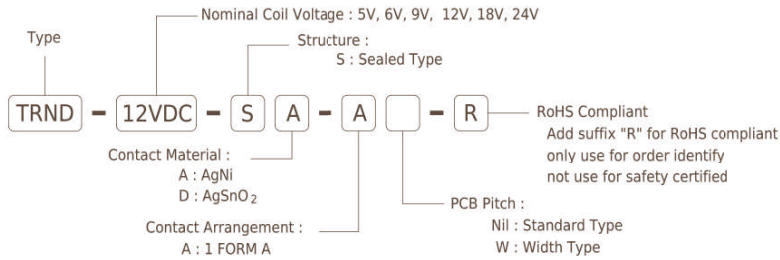
- Small size, light weight.
- Low coil power consumption 0.12W.
- PC board mounting, SIL terminal.

APPLICATIONS

- Suitable for household electrical appliances, automation system, electronic equipment, instrument, meter, telecommunication facilities and remote control facilities.

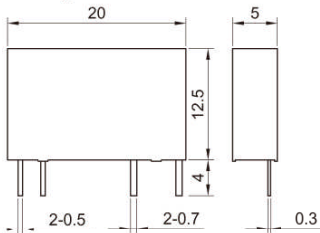


ORDERING INFORMATION

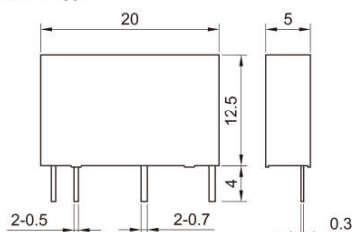


DIMENSION(unit:mm)

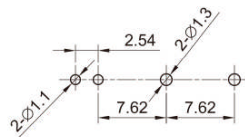
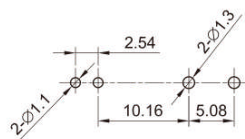
Standard Type



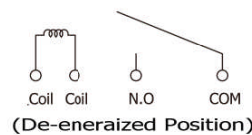
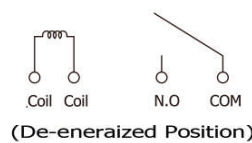
Width Type



DRILLING(unit:mm)



WIRING DIAGRAM



COIL DATA CHART(at 20°C)

Coil Sensitivity	Coil Voltage (VDC)Rated	Nominal Current (mA)	Coil Resistance (Ω) ±10%	Coil Power (W)	Pickup voltage (VDC) Max	Release voltage (VDC) Min.	Coil Voltage (VDC) Max.
TRND	5	24	208	0.12	70% of rated voltage	5% of rated voltage	120%
	6	20	300				
	9	13.3	675				
	12	10	1200				
	18	6.7	2700				
	24	5	3200	0.18			

CONTACT RATING

Item	TRND
Contact Capacity Resistive Load (cosΦ =1)	5A 30VDC 5A 250VAC
Max. Switching Voltage	250VAC/30VDC
Max. Switching Current	5A
Max. Switching Power Force	1250VA/150W
Referenced Min. Applicable Load	0.1mA 0.1VDC
Contact Material	Silver Alloy

PERFORMANCE(at initial value)

Item	TRND
Contact Resistance	100mΩ Min(at 1A 6VDC)
Operation Time	Approx. 10msec
Release Time	Approx. 5msec
Dielectric Strength Between open contacts Between coil & contact	1000VAC (1 minute) 3000VAC (1 minute)
Shock Resistance Functional Survival	98m/s ² 980m/s ²
Vibration Resistance Functional Survival	1.5mm D.A. 10 to 55Hz 1.5mm D.A. 10 to 55Hz
Temperature Range	-40°C ~ +85°C
Relative Humidity	5%~85%(at 40°C)
Insulation Resistance	1000MΩ Min. (at 500VDC)
Life Expectancy Mechanically Electrically	2 × 10 ⁷ ops. Min. 1 × 10 ⁵ ops. Min.
Weight	abt.3g.
UL	E156521