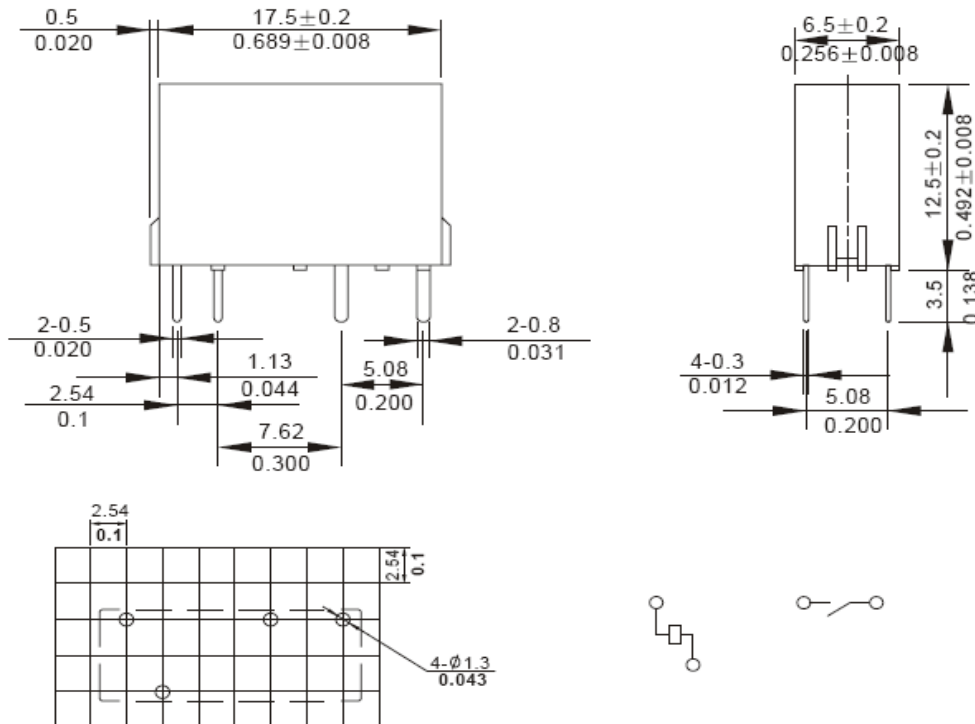




Features

- Small size, light weight
- PC board mounting
- Low coil power consumption 0.2 W
- Suitable for household electrical appliances, automation system, electronic equipment, instrument, meter, telecommunication facilities and remote control facilities

Technical Drawing



Contact Data

Contact Arrangement	1A (SPSTNO)
Contact Material	Silver Alloy
Contact Rating (resistive)	5 A / 30 VDC, 250 VAC
Max. Switching Power	150 W 1250 VA Min. Switching load : 0.01 mA / 10mV
Max. Switching Voltage	30 VDC 250 VAC
Contact Resistance	$\leq 100 \text{ m}\Omega$
Operational Life	Electrical 10^5 Mechanical 2×10^7

Caution : Relays previously tested or used above 10 mA resistive at 6 VDC maximum or peak AC open circuit are not recommended for subsequent use in low level applications.

General Purpose Relays	
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Coil Parameter

Group	Coil Voltage VDC		Coil resistance $\Omega \pm 10$	Pick up voltage (70% or 60% of rated voltage)	Release voltage (10% of rated voltage)	Coil Power W	Operate Time ms	Release Time ms
	Rated	Max.						
A	5	6.5	125	3.5	0.5	0.2	≤ 10	≤ 5
	12	15.6	720	8.4	1.2			
	24	31.2	2880	16.8	2.4			

- Caution :**
1. The use of any coil voltage less then the rated coil voltage will compromise the operation of the relay.
 2. Pickup and release voltage are for test purposes only and are not be used design criteria.

Characteristics

Insulation Resistance	1000 M Ω min. at 500 VDC	Item 7 of IEC 60255-5
Between contacts	50 Hz 750 V	Item 6 of IEC 60255-5
Between contacts and coil	50 Hz 3000 V surge voltage: 6 kV	Item 6 and 8 of IEC 60255-5
Shock resistance	Functional: 100m/s ² 11 ms Survival: 1000m/s ² 6 ms	IEC 68-2-27 Test Ea
Vibration resistance	10~50 Hz Functional & Survival double amplitude 1.5 mm	IEC 68-2-6 Test Fc
Terminals strength	5N	IEC 68-2-21 Test Ua1
Solderability	235°C \pm 2°C 3 \pm 0.5 s	IEC 68-2-20 Test Ta method 1
Ambient Temperature	-25°C ~ 70°C	
Relative Humidity	20% ~ 96% at 40°C	IEC 68-2-3 Test Ca
Mass	3 g	

Ordering Informations

Serie	-	Coil rated voltage	Contact material	Contact arrangement	RoHS	Packing
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P12002	-	A	1	A	N	BU
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EDCON-Serie	-	A = 5 V	1 = standard	A = 1 A	N = non RoHs	BU = Bulk Ware
		B = 12 V	2 = Gold clad		R = RoHs	TY = Tray Package
		C = 24 V				

Communications Relays

Part No.: **P12002**

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