

1. One Form A (SPST) Contact Form.
2. 1 Pole power relay for using on P.C.B suitable for air conditioner.
3. Employment of suitable plastic materials to be applied to high temperature and various chemical solutions.

Domestic and Industrial Appliances. General Control use.
Etc

- Nominal Load (Resistive Load $\cos \varphi = 1$)
 - Contact Capacity20A at 250VAC.
 - 23A at 277VAC.
 - 2HP at 240VAC
 - 2HP at 265VAC.
- Rated Carrying Current23A.
- Max. Allowable Current23A.
- Max. Allowable VoltageAC 277V.
- Max. Allowable Power Force.6,370 VA.
- Min. Switching LoadDC 10V, 10mA.
- Contact MaterialAg Alloy.
- Contact FormSPST.

- Contact Resistance100 mΩ Max1A,6VDC
- Operate Time20 mSec. Max.
- Release Time10 mSec. Max.
- Dielectric Strength :
 - Between Coil & Contact4,000VAC at 50/60 Hz
for one minute.
 - Between Contacts1,000VAC at 50/60 Hz
for one minute.
- Surge Resistance10,000V (between Coil
& Contact 1.2x50μSec.)
- Insulation Resistance100 MegaΩ Min. at
500VDC

Electrical.....	30 Ops per Minute.
Mechanical.....	300 Ops per Minute.
■ Temperature Range.....	-20~60°C
■ Humidity Range	45~90% RH.
■ Coil Temperature Rise.....	55°C Max.
■ Vibration :	
Endurance	10 to 55 Hz dual amplitude width 1.5mm.
Error Operation	10 to 55 Hz dual amplitude width 1.5mm.
■ Shock :	
Endurance	1,000 m/S ² Min.
Error Operation	100 m/S ² Min.
■ Life Expectancy :	
Mechanical	10 ⁷ Operations at No Load condition.
Electrical	10 ⁵ Operations at Rated Resistive Load.
■ Weight	About 55.0 g.

■ In Process

Coil Specification (at 20°C)

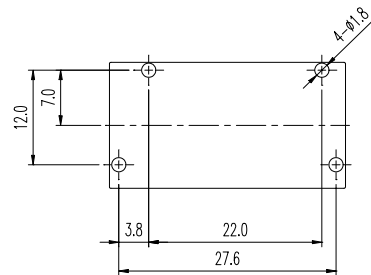
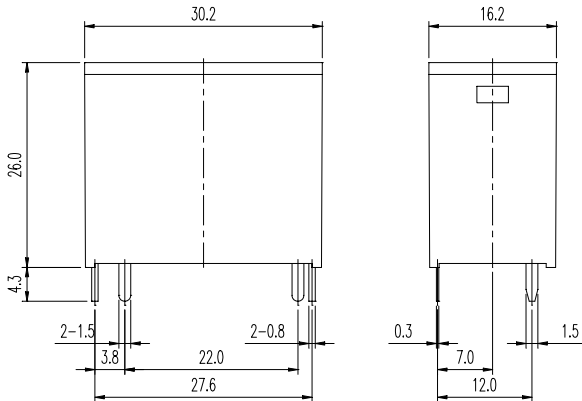
Coil Sensitivity	Nominal Voltage (VDC)	Nominal Current (mA)	Coil Resistance ($\Omega \pm 10\%$)	Power Consumption (W)	Pull-In Voltage (VDC)	Drop-Out Voltage (VDC)	Maximum Allowable Voltage (VDC)
GI	6	150	40	Abt. 0.9	70% Maximum	10% Minimum	110%
	12	75	160				
	24	37.5	640				
	48	18.8	2,560				

Ordering Information:

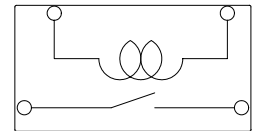
GI	-	1	-	12	D	M	F
Number of Pole	Coil Voltage	Coil Type	Contact Form	Terminal Type			
1 – One Pole	6V, 12V, 24V, 48V	D – DC Coil	M - One Form A	F- With Plug In Terminal P- With PC Board Terminal			

Dimension:

GI-S-P

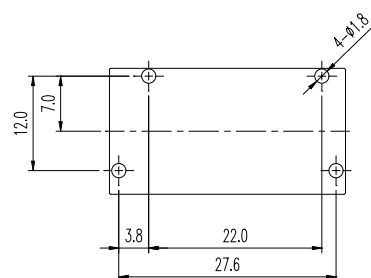
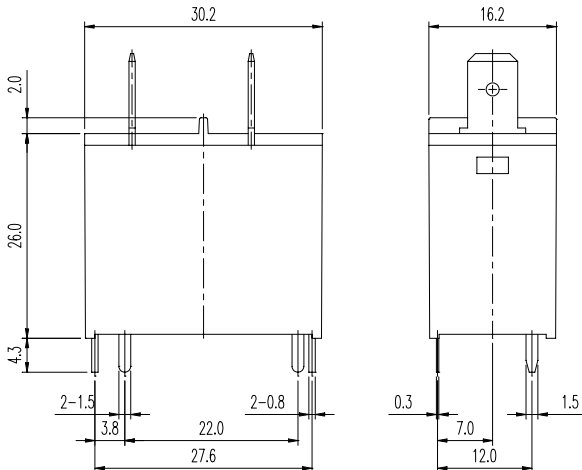


BOTTOM VIEW

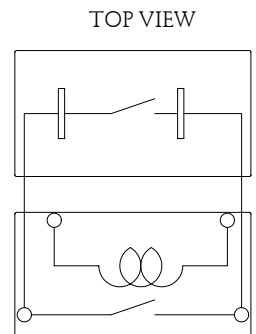


BOTTOM VIEW

GI-S-F



BOTTOM VIEW



BOTTOM VIEW