



Main Feature

1. Smaller size compared to RW series , but with 25A of inrush current.
2. Application for automotive electrical systems.
3. JM-2P is consisted of 2 pieces of JM-1P and capsulated by one cover and the location of terminals are distributed for easy pattern design on N.O. and N.C. contact terminal.
4. Plastic sealed type are available.

Application :

Car Control Switching Box (Alarm System, Automatic Door Locking System....), Car Flashers.... etc.

Contact Rating :

- Nominal Load(Resistive Load)
Contact Capacity
JM-1P10A at 14VDC.
- 20A at 14VDC, (Motor lock),
operating frequency,
0.5s ON,9.5s OFF
- JM-2P(for each Pole).....10A at 14VDC.
- 20A at 14VDC, (Motor lock),
operating frequency,
0.5s ON,9.5s OFF
- Max. Allowable Current25A.
- Max. Allowable Voltage16VDC.
- Max. Allowable Power Force.400W.
- Min. Switching LoadDC 5V, 10mA.
- Contact MaterialAg Alloy.
- Contact Form.....SPDT & SPST
DPST & DPDT

Performance (at Initial Value)

- Contact Resistance100 mΩ Max.@1A,6VDC
- Operate Time10 mSec. Max.
- Release Time10 mSec. Max.
- Dielectric Strength :
Between Coil & Contact500VAC at 50/60 Hz
For one minute.
- Between Contacts500VAC at 50/60 Hz
for one minute.
- Surge Resistance1,500V (between coil
& contact 1.2x50μSec.)

- Insulation Resistance 100 MegaΩ Min. at
500VDC
- Max. On/Off Switching :
Electrical..... 30 Ops per Minute.
Mechanical..... 300 Ops per Minute.
- Temperature Range -40~85°C
- Humidity Range..... 45~85% RH.
- Coil Temperature Rise..... 70°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/S² Min.
Error Operation 100 m/S² Min.
- Life Expectancy :
Mechanical 10⁷ Operations at No
load condition.
- Electrical 10⁵ Operations at Rated
Resistive Load.
- Weight about 5.0 g for 1P.
about 9.0 g for 2P.

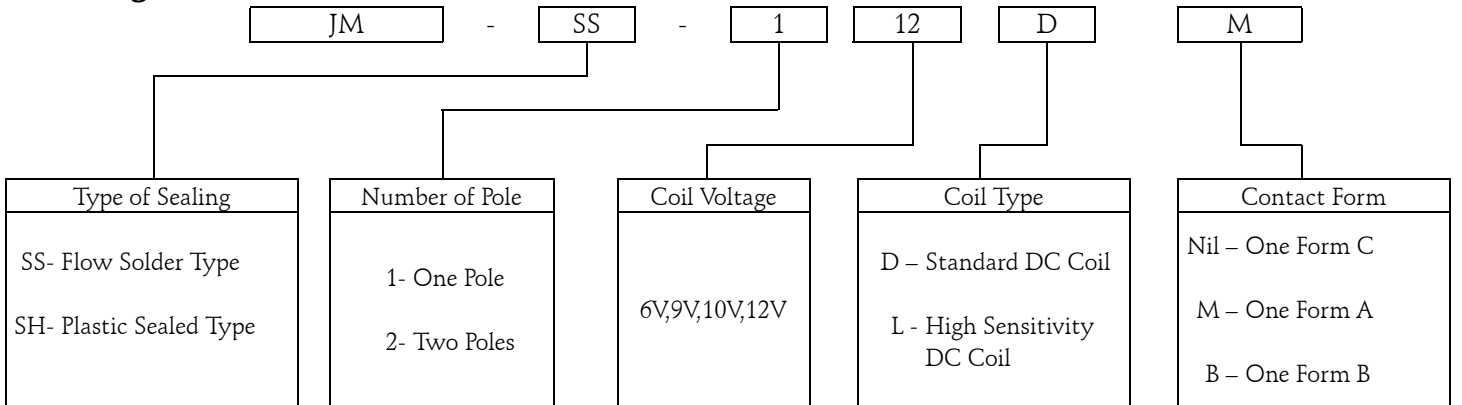
Safety Standard & Its File Number :

- Nil

Coil Specification (at 20 °C):

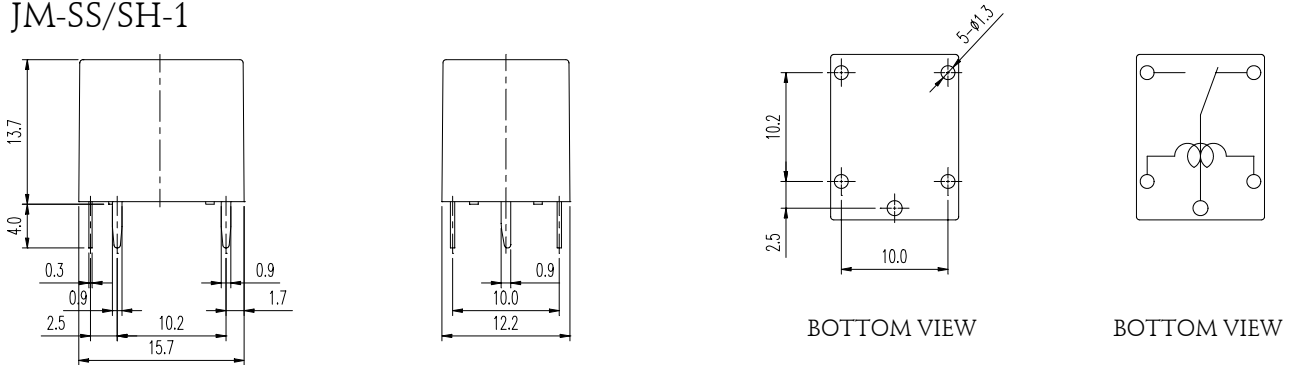
Coil Sensitivity	Nominal Voltage (VDC)	Nominal Current (mA)	Coil Resistance ($\Omega \pm 10\%$)	Power Consumption (W)	Pull-In Voltage (VDC)	Drop-Out Voltage (VDC)	Maximum Allowable Voltage (VDC)
JM-D	6	133	45	Abt. 0.8	60% Maximum	5% Minimum	150% but for short time carrying current
	9	90	100				
	10	74	135				
	12	66.7	180				
JM-L	6	100	60	Abt. 0.6	60% Maximum	5% Minimum	150% but for short time carrying current
	9	66.7	135				
	10	55.6	180				
	12	50	240				

Ordering Information:



Dimension:

JM-SS/SH-1



JM-SS/SH-2

