

Main Feature

1. Smaller size compared to RW series , but with 2×6A of rated carrying current and double contact type..
2. Application for automotive electrical systems.
3. JMW-2P is consisted of 2 pieces of JMW-1P and capsulated by one cover and the location of terminals are distributed for easy pattern design on N.O. contact terminal.
4. Simple magnetic circuit to meet mass production for low cost offer.
5. 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
- JMW-1P.....2×6A at 14VDC.
Operating Frequency;
1s ON,14s OFF
- JMW-2P(for each Pole)2×6A at 14VDC
Operating Frequency;
1s ON,14s OFF
- Rated Carrying Current 2×6A.
- Max. Allowable Current 12A.
- Max. Allowable Voltage 16VDC.
- Max. Allowable Power Force150W.
- Min. Switching Load DC 5V, 10mA.
- Contact Material Ag Alloy.
- Contact Form..... SPDM & DPDM.

Performance (at Initial Value)

- Contact Resistance 100 mΩ Max.@1A,6VDC
- Operate Time..... 10 mSec. Max.
- Release Time 10 mSec. Max.
- Dielectric Strength :
Between Coil & Contact 500VAC at 50/60 Hz
for one minute.
- Between Contacts 500VAC at 50/60 Hz
for one minute.
- Surge Resistance 1,500V (between coil
& contact 1.2×50μSec.)
- Insulation Resistance 100 MegaΩ Min. at
500VDC

- Max. On/Off Switching :
Electrical30 Ops per Minute.
- Mechanical.....300 Ops per Minute.
- Temperature Range-40~85°C
- Humidity Range45~85% RH.
- Coil Temperature Rise70°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 :
Endurance1,000 m/S² Min.
- Error Operation 100 m/S² Min.
- Life Expectancy :
Mechanical10⁷ Operations at No
load condition.
- Electrical10⁵ Operations at Rated
Resistive Load.
- Weight.....About 5.2 g for 1P.
About 10.2 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)
JMW-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				
JMW-L	24	33.3	720	Abt. 0.6	60% Maximum	5% Minimum	150% but for short time carrying current
	6	100	60				
	9	66.7	135				
	10	55.6	180				
	12	50	240				

Ordering Information

JMW - SS - 1 12 D M

Contact Form:

M: One Form A

Coil Type:

D: Standard DC Coil

L: High Sensitivity DC Coil

Coil Voltage:

06: 6V, **09:** 9V, **10:** 10V, **12:** 12V, **24:** 24V

Number of Pole:

1: One Pole

2: Two Poles

Type of Sealing:

SS: Flow Solder Type

SH: Plastic Sealed Type

Type:

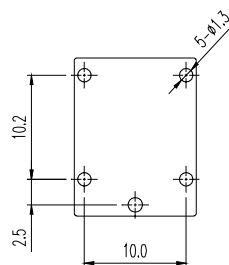
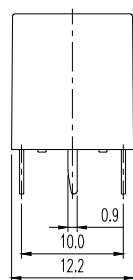
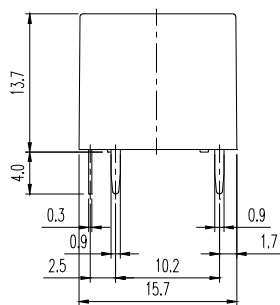
JMW

Classification

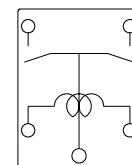
Model	JMW			
Coil Sensitivity	Standard DC Coil		High Sensitivity DC Coil	
Number of Pole	1 Pole	2 Poles	1 Pole	2 Poles
Flow Solder Type	JMW-SS-1□□DM	JMW-SS-2□□DM	JMW-SS-1□□LM	JMW-SS-2□□LM
Plastic Sealed Type	JMW-SH-1□□DM	JMW-SH-2□□DM	JMW-SH-1□□LM	JMW-SH-2□□LM

Dimension

JMW-SS/SH-1

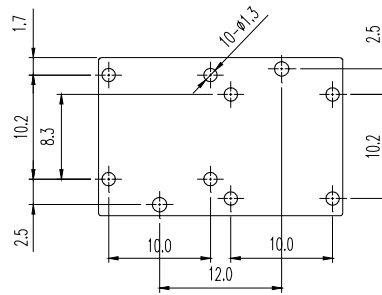
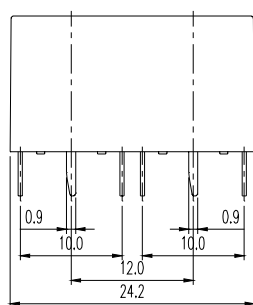
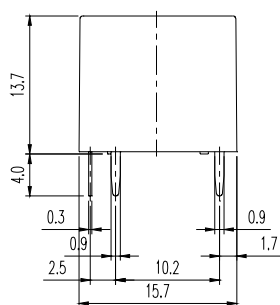


BOTTOM VIEW

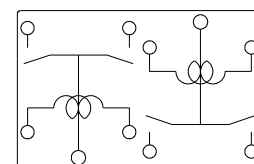


BOTTOM VIEW

JMW-SS/SH-2



BOTTOM VIEW



BOTTOM VIEW