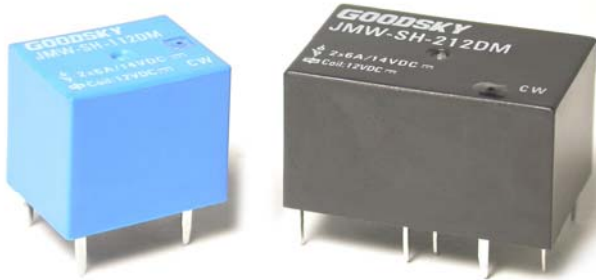


Main Feature



1. Smaller size compared to RW series , but with 2x6A 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 locations 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 is available.

Contact Rating

Load Type	JMW-1P (DM/LM)	JMW-2P (DM/LM)
Rated Load (Resistive)	2x6A 14VDC	2x6A 14VDC
Rated Carrying Current	2x6A	2x6A
Max. Allowable Voltage	60VDC	60VDC
Max. Allowable Current	12A	12A
Max. Allowable Power Force	150W	150W
Contact Material	Ag Alloy	Ag Alloy
Contact Form	SPST	DPST

Application

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

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 Strength 1,500V (between coil & contact 1.2x50μSec.)
- Insulation Resistance 100 MegaΩ Min. at 500VDC
- Max. On/Off Switching :
 - Electrical..... 4 Cycles per Minute. (at 1s ON, 14s OFF)
 - Mechanical 300 Cycles 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 Operation10 to 55 Hz dual amplitude width 1.5mm.
- Shock :
 - Endurance1,000 m/S² .
 - Error Operation100 m/S² .
- Life Expectancy :
 - Mechanical10⁷ Operations at No load condition.
 - Electrical10⁵ Operations at Rated Resistive Load.
- Weight.....About 5.2 g for 1P. About 10.2g 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-DM	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-LM	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: RT II Flux Proofed Relays

SH: RT III Wash Tight Relays

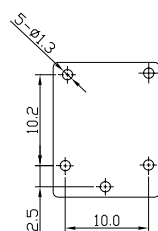
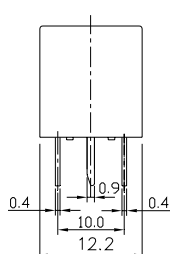
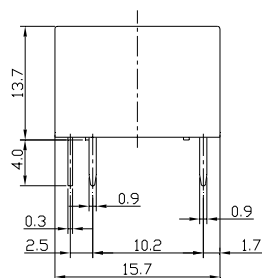
Type: JMW

Classification

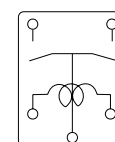
Model	JMW			
Coil Sensitivity	Standard DC Coil		High Sensitivity DC Coil	
Number of Pole	1 Pole	2 Poles	1 Pole	2 Poles
Flux Proofed Relay	JMW-SS-1□□DM	JMW-SS-2□□DM	JMW-SS-1□□LM	JMW-SS-2□□LM
Wash Tight Relay	JMW-SH-1□□DM	JMW-SH-2□□DM	JMW-SH-1□□LM	JMW-SH-2□□LM

Dimension ($\leq 5\text{mm} \pm 0.2\text{mm}$, $> 5\text{mm} \pm 0.3\text{mm}$, the tolerance of PCB thru hole: $+0.1\text{mm}$)

JMW-1

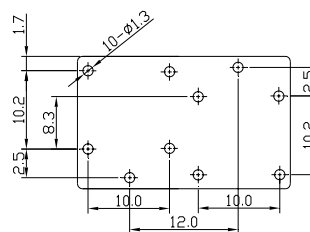
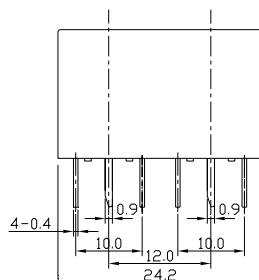
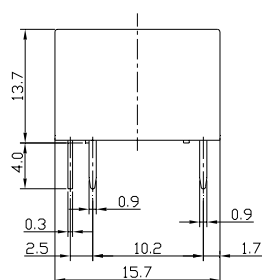


P.C.B. Layout

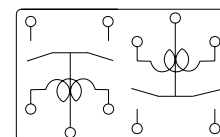


Bottom View

JMW-2



P.C.B. Layout



Bottom View