



JRW-220MA (7014)

MICROMINIATURE HERMETICALLY SEALED RELAY



ENVIRONMENTAL CONDITIONS:

Temperature Range: - 55 ~ +85 °C
 Relative Humidity: 98% at +40 °C
 Atmospheric Pressure: 86~106kPa, Low Pressure 4.4kPa
 Shock: 735m/s² (75G)
 Vibration: 10 ~ 2000Hz, 147m/s² (15G)
 Liner Acceleration: 490 m/s² (50G)

Ordering Information:

JRW - 220MA / 012 - 3

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1. Model;
2. Part No.
3. Terminal Type.

TECHNICAL DATA:

Contact Arrangement: 2 Form C (DPDT)
 Coil Voltage: 5 ~27VDC
 Coil Dissipation: 0.25W
 Insulation Resistance: 1000MΩ
 Dielectric Withstanding Voltage (RMS/50Hz): 300Vr.m.s.
 Contact Resistance: ≤0.1Ω (before life)
 Operate Time: ≤2ms
 Release Time : ≤2ms(D: ≤3ms)
 Contact Ratings: 1A28VDC Resistive; 0.25A115VAC Resistive; 0.5A28VDC Resistive;
 10~50 mil A 10~50mVDC(AC or DC peak value).
 Electrical Life: 2 x 10⁴ ; 2 x 10⁴ ; 1 x 10⁵ ; 1x 10⁵ Operations
 Leakage Rate: ≤1x10⁻¹ Pa.cm³/s, (≤1x10⁻³ Pa.cm³/s)
 Dimensions: 8.5 x 8.5 x 7.3mm
 Weight: 3g

SPECIFICATIONS:

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Part No.	Coil Voltage (Vdc)		25°C				All Temperature Range		
			Coil Resistance (Ω)± 10%	Pick-up Voltage Max. (Vdc)	Holding Voltage (Vdc)	Drop-out Voltage Min. (Vdc)	Pick-up Voltage Max. (Vdc)	Holding Voltage (Vdc)	Drop-out Voltage Min. (Vdc)
	Nor.	Max.							
005	5	6.0	50	3.3	1.7	0.3	4.1	2.5	0.14
006	6	7.2	98	4.0	2.0	0.4	4.9	3.0	0.18
009	9	10.8	220	6.0	3.0	0.6	7.4	4.5	0.35
012	12	14.4	390	8.0	4.0	0.8	9.8	6.0	0.41
018	18	21.6	880	12.0	6.0	1.2	14.7	9.0	0.59
024	24	28.8	1250	16.0	8.0	1.6	19.6	12.0	0.79
027	27	32.4	1560	18.0	9.0	1.8	22.1	13.5	0.90