



REC

RMF SERIES

FEATURES

- 5A, switching capabilities.
- Subminiature, standard PC layout.
- Layout 5.08mm and 7.62mm types available
- High sensitive type



ORDERING INFORMATION

RMF — 1A 12 — 5

1 2 3 4

1. Type
2. 1A: 1 Form A
3. Coil Nominal Voltage.
4. Lead out: 5:5.08mm
7:7.62mm

CONTACT RATING

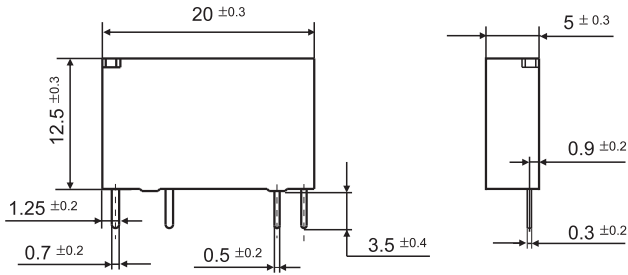
1 Form A(1PST)	Resistive (Cos.θ = 1)	AC 250 V / DC 30V	5A
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COIL DATA(0.12W at 25°C)

Coil Nominal Voltage (VDC)	Resistance Tol.±10% (Ohms)	Nominal Current (mA)	Maximum Pick Up Voltage (V)	Minimum Drop Out Voltage (V)
5	208	24	3.5	0.25
12	1200	10	8.4	0.6
24	3200	7.5	16.8	1.2

DIMENSIONS(±0.2mm)

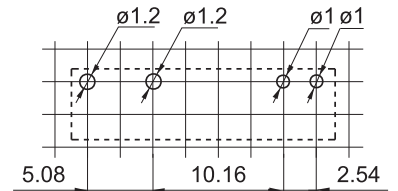
RMF-5



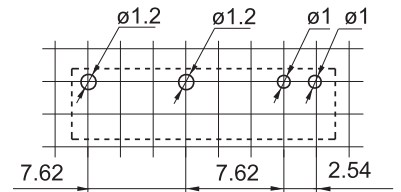
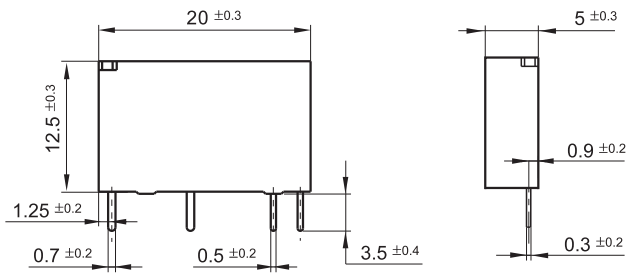
WIRING DIAGRAM (BOTTOM VIEW)



P.C.B LAYOUT (BOTTOM VIEW)



RMF-7



GENERAL DATA

Insulation Resistance	100 M Ω Min. (1A 6VDC)
Dielectric Strength	3000 VAC, 50/60Hz between contact.
	1000 VAC, 50/60Hz between all elements.
Contact Material	Ag alloy
Contact Resistance	100 milliohms max. (initial value)
Shock Resistance	Malfunction: 30g ; Destructive: 100G(6ms)
Vibration Resistance	Malfunction: 10 to 55 Hz. at Double Amplitude of 1.5 mm
	Destructive: 10 to 55 Hz. at Double Amplitude of 1.5 mm
Operation Time	10 ms max.
Release Time	5 ms max.
Temperature Range	- 40°C ~ + 85°C
Expected Life	With operation rate 30/min.
	Mechanical - 10,000,000 operations min. Electrical - 100,000 operations min. at rated load.
Weight	3 grams