

# RDF SERIES


ORDER CODE  
RDF-2C-12

COIL VOLTAGE

2C: 2c  
2A: 2a  
2B: 2b

TYPE

3: DC 3V  
6: DC 6V  
9: DC 9V  
12: DC 12V  
24: DC 24V



**Main Features:**

- 2 form C (DPDT) contact.
- Small size (22.0 × 16.5 × 16.5).
- PCB mounting.
- Completely washable.

## COIL RATING (at 20°C)

NOMINAL VOLTAGE (VDC)	COIL RESISTANCE ( $\Omega$ )( $\pm 10\%$ )	POWER CONSUMPT -ION(W)	NOMINAL CURRENT (mA)( $\pm 10\%$ )	PULL IN VOLTAGE (VDC)	DROP OUT VOLTAGE (VDC)	MAX. ALLOWABLE VOLTAGE (VDC)
3V	18 $\Omega$	0.5W	166.7mA	75% MAX.	10% MIN.	130%
6V	72 $\Omega$		83.3mA			
9V	162 $\Omega$		55.6mA			
12V	288 $\Omega$		41.7mA			
24V	1152 $\Omega$		20.8mA			

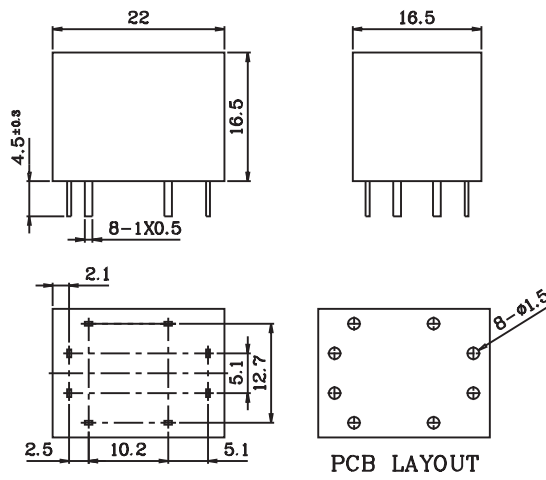
## PERFORMANCE (at initial value)

Item	Type	5A
Contact Resistance		50m $\Omega$ Max. (initial value)
Operate Time		10msec Max.
Release Time		5msec Max.
Dielectric Strength between coil & contact between contact		AC1000V (1min) AC750V (1min)
Insulation Resistance		100M $\Omega$ Min.(DC500V)
Operating Ambient Temperature		-40°C ~ +70°C
Humidity		35 to 85% RH
Vibration Resistance		10G (10~55Hz)(Dual amplitude:1.5mm)
Shock Resistance		10G
Life Expectancy Mechanically Electrically		100,000,000 ops. Min.(1800 ops./h) 100,000 ops. Min.(1200 ops./h)
Weight		10g(about)

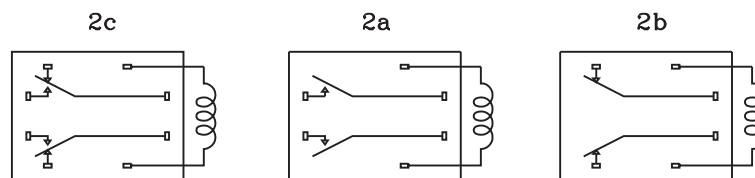
CONTACT RATING

Item \ Type	5A
Rated Carrying Current	AC277V 5A DC30V 5A
Max. Allowable Current	5A
Max. Allowable Voltage	AC 380V DC 50V
Max. Current (continual)	5A
Contact Material	Ag alloy

DIMENSIONS(Unit: mm)



WIRING DIAGRAMS(Bottom View)



REFERENCE DATA

