

RAK SERIES

ORDER CODE

RAK-□-□ □ □

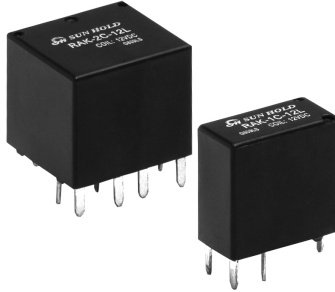
□: Standard
H: High Temperature

L: 0.64W
□ 0.8W Low Pull In Voltage

COIL VOLTAGE —12:DC 12V

1C :Single Relay
2C :Twin Relay

TYPE



FEATURES:

- Automotive Relay
- Slim and small type PCB Relay
- Contact rating up to 25 amps
- Single and Twin version available
- RoHS 2011/65/EU compliant

COIL RATING(at 20°C)

NOMINAL VOLTAGE (VDC)	COIL RESISTANCE (Ω)(±10%)	POWER CONSUMPT -ION(W)	NOMINAL CURRENT (mA)(±10%)	PULL IN VOLTAGE (VDC)	DROP OUT VOLTAGE (VDC)	MAX. ALLOWABLE VOLTAGE (VDC)
12V (L type)	225 Ω	0.64W	53mA	60% MAX.	10% MIN.	130%
12V	180 Ω	0.8W	67mA	55% MAX.		

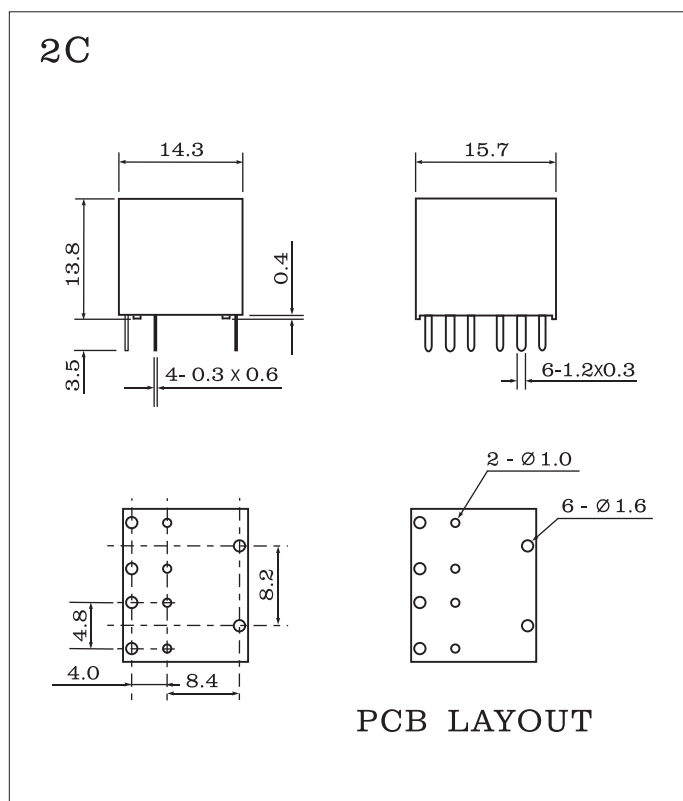
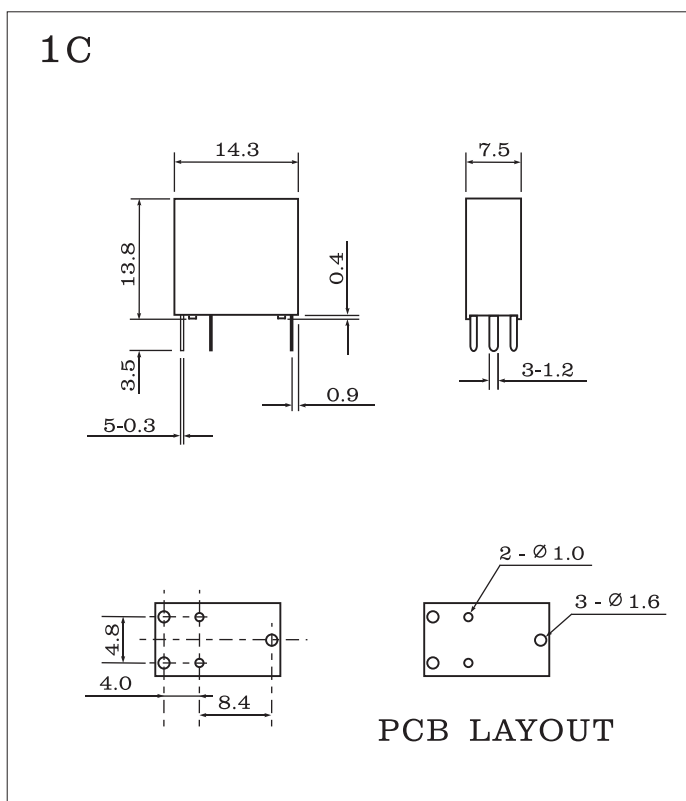
PERFORMANCE(at intial value)

Item	Type	25A
Contact Resistance		100mΩ Max. (Initial value)
Operate Time		10msec Max.
Release Time		5msec Max.
Dielectric Strength between coil & contact between contact		AC1000V(1min) AC 500V(1min)
Insulation Resistance		100MΩ Min.(DC500V)
Operating Ambient Temperature		-40°C ~ +105°C
Humidity		35 to 85% RH
Vibration Resistance		10G (10~55Hz)(Dual amplitude:1.5mm)
Shock Resistance		10G
Life Expectancy Mechanically Electrically		10,000,000 ops. Min.(1800 ops./h) 100,000 ops. Min.(1200 ops./h)
Weight		4.1g(approx.)

CONTACT RATING

Item	Type	25A
Rate Carrying Current		DC 14V 25A
Max. Allowable Current		30A
Max. Allowable Voltage		DC 16V
Max. Current (continual)		25A
Contact Material		Ag alloy

DIMENSIONS(Unit:mm)



WIRING DIAGRAMS(Bottom View)

