

# RDK SERIES

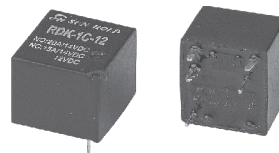
## ORDERING INFORMATION

RDK-□-□

COIL VOLTAGE ——— 10:DC 10V  
12:DC 12V

Nil: 1 Form C (SPDT)  
A : 1 Form A (SPST-NO)

TYPE



## FEATURES:

- Light weight with small size.
- Heavy contact load switching current up to 30A.
- With stands high temperature, operational under 105°C ambient temperature.
- 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)
10V	181Ω	0.55W	55.2mA	5.7V	1.25V	12V
12V	254Ω	0.57W	47.2mA	6.9V	1.5V	14.4V

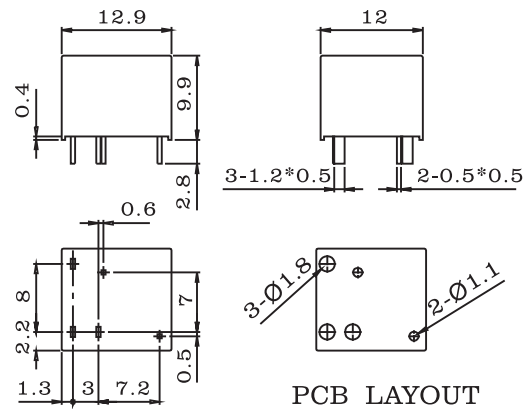
## PERFORMANCE (at initial value)

Item	Type	1c	1a
Contact Resistance		30mΩ Max. (Initial value)	
Operate Time		3msec Max.	
Release Time		1.5msec Max.	
Dielectric Strength between coil & contact between contact		AC500V (1min) AC500V (1min)	
Insulation Resistance		1000MΩ 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		4g(approx.)	

CONTACT RATING

Item \ Type		1c	1a
Rated Carrying Current	(Resistive)	NO: DC14V 30A NC: DC14V 20A	DC14V 30A
Max. Allowable Current		30A	
Max. Allowable Voltage		DC 24V	
Max. Current (continual)		30A	
Max. Allowable Power		420W	
Contact Material		Ag alloy	

DIMENSIONS(Unit:mm)



WIRING DIAGRAMS(Bottom View)

