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elektronikai alkatrész áruház

**EN:** This Datasheet is presented by the manufacturer.

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## FEATURES

- 1 Form C (1PDT) contact arrangement
- 6g compact lightweight structure
- High resistance for vibration and shock
- Using at automotive, security systems, etc.



## ORDERING INFORMATION

LQ      12      S  
1      2      3      4

1. Type

2. Contact Arrangement

Nil: 1 Form C

2A: 1 PDM

3. Coil Nominal Voltage

4. Coil Sensitivity

Nil : Standard Type (0.8W)

S : High Sensitive Type (0.6W)

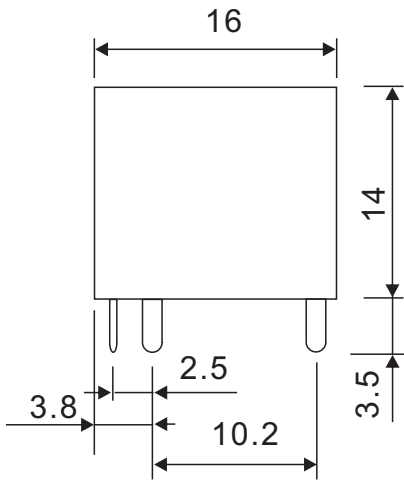
## CONTACT RATING

1 C (SPDT)	Resistive (Cos.θ = 1)	14 VDC	20A
2 A (DPNO)	Resistive (Cos.θ = 1)	14 VDC	10A

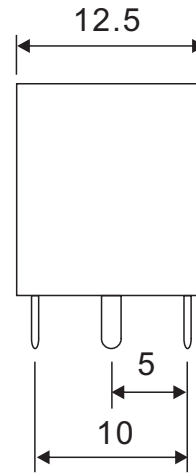
## COIL DATA(0.6W~0.8W, at 25°C)

Coil Nominal Voltage (VDC)	Resistance Tol.±10% (Ohms)		Nominal Current (mA)		Maximum Pick Up Voltage (V)	Minimum Drop Out Voltage (V)
	0.8W	0.6W	0.8W	0.6W		
6	45	60	133.4	100.0	3.6	0.6
9	100	135	90.0	66.7	5.4	0.9
12	180	240	66.7	50.0	7.2	1.2
24	720	960	33.3	25.0	14.4	2.4

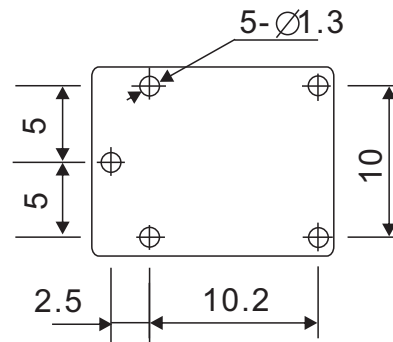
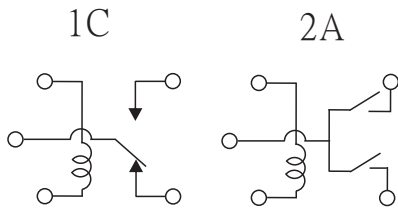
## DIMENSIONS(mm)



WIRING DIAGRAM  
(BOTTOM VIEW)



P.C.B LAYOUT  
(BOTTOM VIEW)



## GENERAL DATA

Insulation Resistance	100 MΩ Min. (DC 500V)
Dielectric Strength	500 VAC, 50/60Hz between contact.
	1,000 VAC, 50/60Hz between all elements.
Contact Material	Silver- Cadmium Oxide as standard.
Contact Resistance	100 milliohms max. ( initial value )
Shock Resistance	Malfunction: 10G(11ms) ; 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	- 30°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	6 grams