



RoHS Compliant

**A15**

15.5 x 12.5 (25.5) x 13.7 mm

## Features

- Switching capacity up to 30A
- Small size and light weight
- Dual relay available
- Suitable for automobile and lamp accessories
- QS-9000, ISO-9002 Certified Manufacturing

## Contact Data

Contact Arrangement	1C = SPDT 1U = SPST N.O. 2C = (2) SPDT 2U = (2) SPST N.O.	Contact Resistance	< 50 milliohms initial
Contact Rating	10A @ 14VDC	Contact Material	AgSnO <sub>2</sub>
		Maximum Switching Power	150W
		Maximum Switching Voltage	20VDC
		Maximum Switching Current	30A

## Coil Data

Coil Voltage VDC		Coil Resistance Ω +/- 10%	Pick Up Voltage VDC (max) 70% of rated voltage	Release Voltage VDC (min) 10% of rated voltage	Coil Power W	Operate Time ms	Release Time ms
Rated	Max						
12	15.6	210	8.40	1.2	.70	10	7

## General Data

Electrical Life @ rated load	100K cycles, typical
Mechanical Life	10M cycles, typical
Insulation Resistance	100M Ω min. @ 500VDC
Dielectric Strength, Coil to Contact Contact to Contact	500V rms min. @ sea level 500V rms min. @ sea level
Shock Resistance	100m/s <sup>2</sup> for 11 ms
Vibration Resistance	1.27mm double amplitude 10~40Hz
Terminal (Copper Alloy) Strength	10N (quick connect), 4N (PCB pins)
Operating Temperature	-40°C to +85°C
Storage Temperature	-40°C to +155°C
Solderability	260°C for 5 s
Weight	5.5g, 11g

### Caution

1. The use of any coil voltage less than the rated coil voltage may compromise the operation of the relay.

Specifications and availability subject to change without notice.

Dimensions shown in mm. Dimensions are shown for reference purposes only.

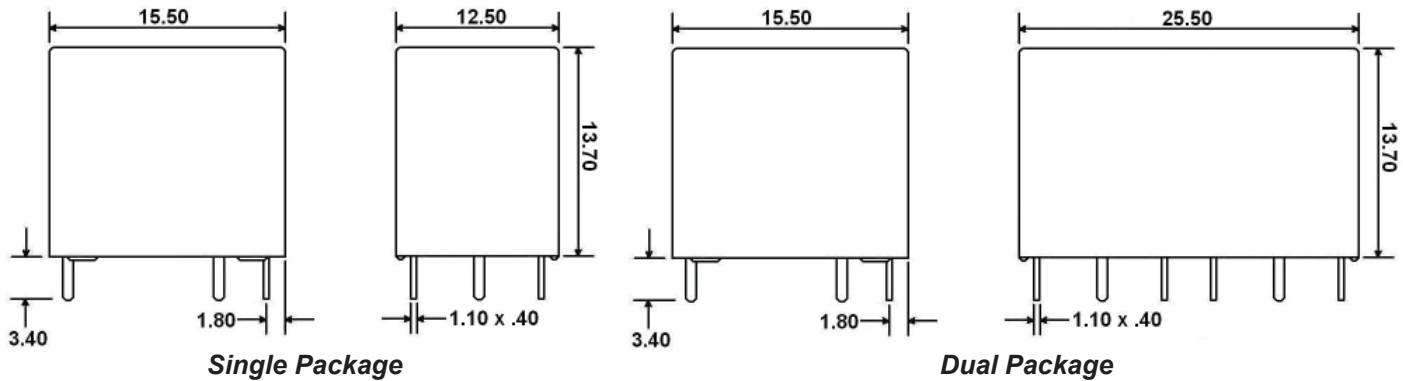
# A15

## Ordering Information

1. Series	A15	1A	S	12VDC
A15				
2. Contact Arrangement				
1C = SPDT				
1U = SPST N.O.				
2C = DPDT				
2U = DPST N.O.				
3. Sealing Option				
S = Sealed				
C = Dust Cover				
4. Coil Voltage				
12VDC				

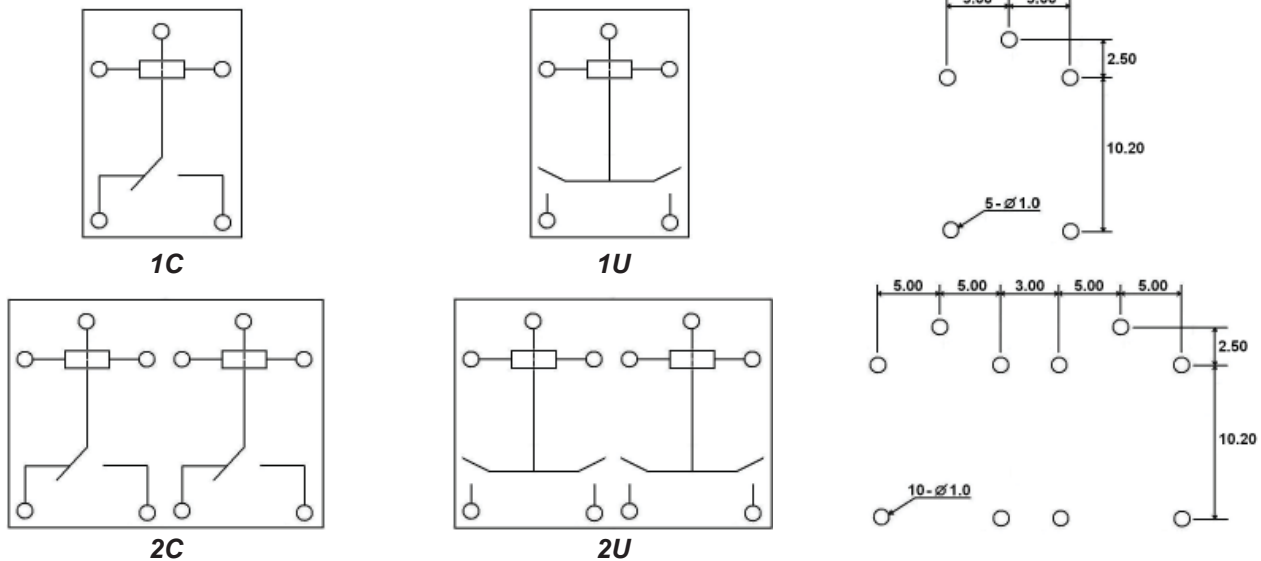
## Dimensions

Units = mm



## Schematics & PC Layouts

Bottom Views



Dimensions shown in mm. Dimensions are shown for reference purposes only.

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