



## Features

- Switching capacity up to 20A
- Small size and light weight
- Dual relay available
- Suitable for automobile and lamp accessories
- Manufactured in compliance with QS-9000 and ISO-9002



## Contact Data\*

Contact Arrangement	1C = SPDT	Contact Material	AgSnO <sub>2</sub>
Contact Rating	20A @ 14VDC	Maximum Switching Power	150W
Contact Resistance	< 50 milliohms initial	Maximum Switching Voltage	20VDC
		Maximum Switching Current	20A

## Coil Data\*

Coil Voltage VDC		Coil Resistance Ω +/- 10%	Pick Up Voltage VDC (max) 60% 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	7.2	1.2	.70	10	7

## General Data\*

Electrical Life @ rated load	100K cycles, average
Mechanical Life	10M cycles, average
Insulation Resistance	100M Ω min. @ 500VDC initial
Dielectric Strength, Coil to Contact	500V rms min. @ sea level initial
Contact to Contact	500V rms min. @ sea level initial
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

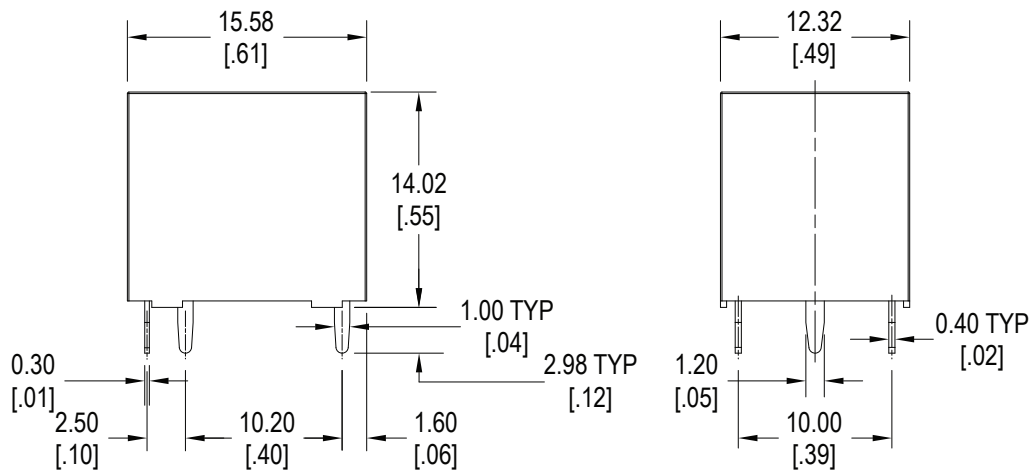
\* Values can change due to the switching frequency, desired reliability levels, environmental conditions and in-rush load levels. It is recommended to test actual load conditions for the application. It is the user's responsibility to determine the performance suitability for their specific application. The use of any coil voltage less than the rated coil voltage may compromise the operation of the relay.

## Ordering Information

1. Series	A15	1C	S	12VDC
A15				
2. Contact Arrangement	1C = SPDT			
3. Sealing Option	S = Sealed C = Dust Cover			
4. Coil Voltage	12VDC			

## Dimensions

Units = mm



## Schematic & PC Layout

Bottom Views

