

17.8 x 9.6 (17.0) x 13.2 mm

## **Features**

- Switching capacity up to 20A
- Small size and light weight
- Dual relay available
- Low coil power consumption
- Suitable for automobile and consumer electronics applications

## **Contact Data**

Contact Arrangement	1A = SPST N.O.	
	1C = SPDT	
	2A = (2) SPST N.O.	
	2C = (2) SPDT	
Contact Rating	20A @ 14VDC N.O.	
	15A @ 14VDC N.C.	

Contact Resistance	< 50 milliohms initial
Contact Material	AgSnO <sub>2</sub>
Maximum Switching Power	280W
Maximum Switching Voltage	40VDC
Maximum Switching Current	20A

### **Coil Data**

	Coil Voltage Coil Resistance VDC Ω +/- 10%		Pick Up Voltage VDC (max)  Release Voltage VDC (min)  70% of rated 10% of rated		Coil Power W	Operate Time ms	Release Time ms	
Rated	Max	.6W	.8W	voltage	voltage			
12	18	240	180	8.40	1.2	.60 or .80	8	5

# 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	500V rms min. @ sea level		
Contact to Contact	500V rms min. @ sea level		
Shock Resistance	300m/s <sup>2</sup> for 11 ms		
Vibration Resistance	1.50mm double amplitude 10~40Hz		
Terminal (Copper Alloy) Strength	5N		
Operating Temperature	-40°C to +85°C		
Storage Temperature	-40°C to +155°C		
Solderability	260°C for 5 s		
Weight	5g, 10g		

#### Caution

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

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

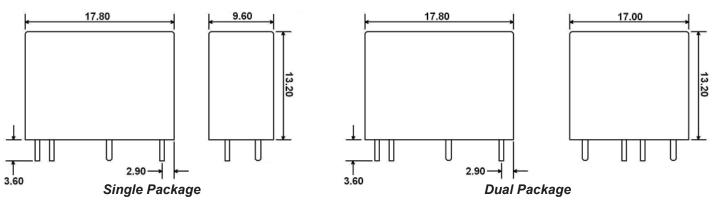


# **Ordering Information**

1. Series	A11	2C	S	12VDC	.80
A11					
2. Contact Arrangement  1A = SPST N.O.  1C = SPDT  2A = (2) SPST N.O.  2C = (2) SPDT					
3. Sealing Option S = Sealed C = Dust Cover					
4. Coil Voltage 12VDC					
5. Coil Power .60 = .60W .80 = .80W					

## **Dimensions**

Units = mm



## Schematics & PC Layouts

**Bottom Views** 

