



RoHS Compliant

25.8 x 20.5 x 20.8 mm

Features

- Switch capacity up to 40A @ 14VDC
- Small size and light weight
- PCB pin mounting available
- Suitable for automobile and lamp accessories
- Two footprint styles available
- American & European PC layout styles available

Contact Data*

Contact Arrangement	1A = SPST N.O. 1B = SPST N.C. 1C = SPDT
Contact Rating	1A : 40A @ 14VDC, 20A @ 120VAC, 15A @ 28VDC 1B : 30A @ 14VDC, 20A @ 120VAC, 15A @ 28VDC 1C : 40A @ 14VDC N.O.; 30A @ 14VDC N.C. : 20A@120VAC, 15A @ 28VDC

Contact Resistance	< 50 milliohms initial
Contact Material	AgSnO ₂
Max Switching Power	360W
Max Switching Voltage	75VDC, 380VAC
Max Switching Current	40A

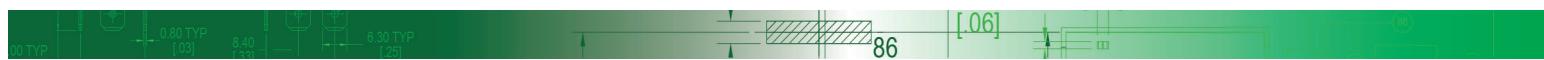
Coil Data*

Coil Voltage VDC		Coil Resistance Ω +/- 10%		Pick Up Voltage VDC (max)	Release Voltage VDC (min)	Coil Power W	Operate Time ms	Release Time ms
Rated	Max	1.6W	1.9W	70% of rated voltage	10% of rated voltage	1.60 or 1.90	5	3
9	11.7	50.6	42.6		.9			
12	15.6	90.0	75.8		1.2			
24	31.2	360.0	303.2		2.4			

General Data*

* 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.

A5



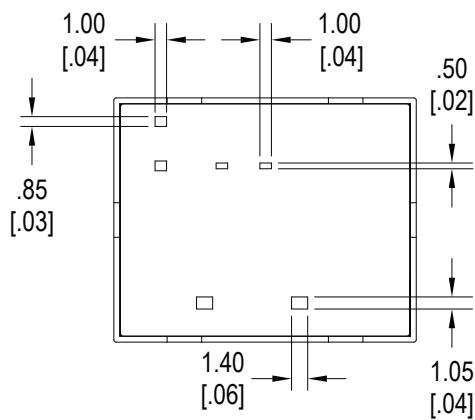
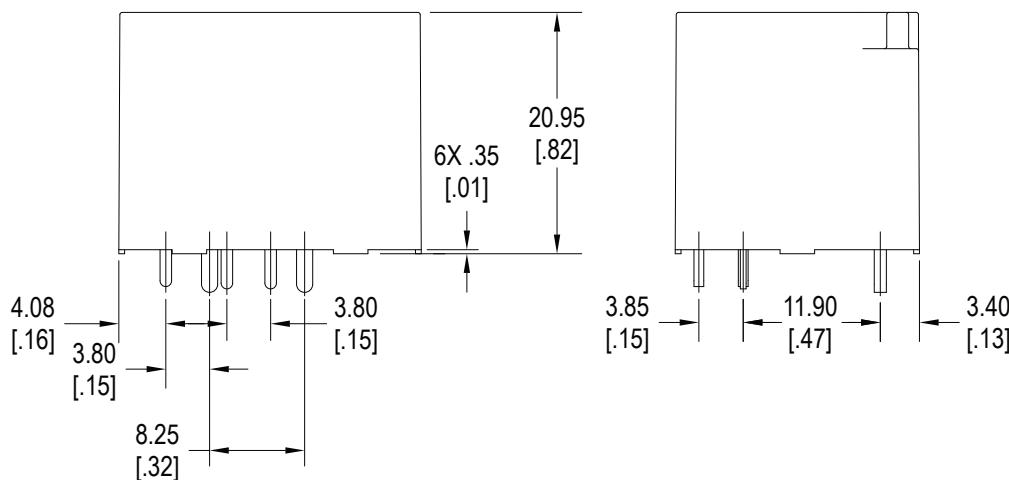
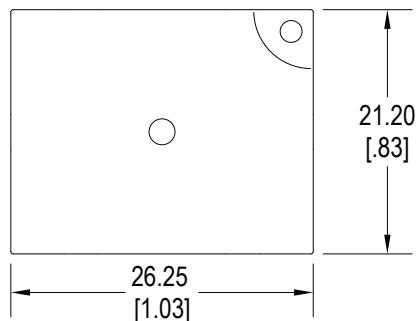
Ordering Information

1. Series	A5	1A	S	12VDC	1.6	U
A5						
2. Contact Arrangement						
1A = SPST N.O.						
1B = SPST N.C.						
1C = SPDT						
3. Sealing Option						
O = Open frame						
S = Sealed Standard PC layout						
E = Sealed European PC layout						
4. Coil Voltage						
9VDC						
12VDC						
24VDC						
5. Coil Power						
1.6 = 1.6W						
1.9 = 1.9W						
6. Contact Material						
Blank = AgSnO ₂						
U = AgSnO ₂ In ₂ O ₃						

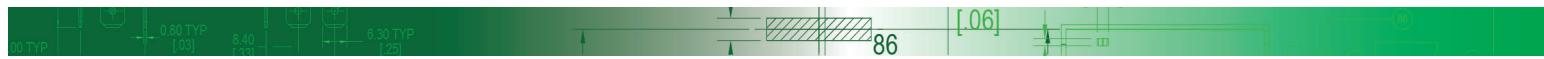


Dimensions - Sealed Standard

Units = mm

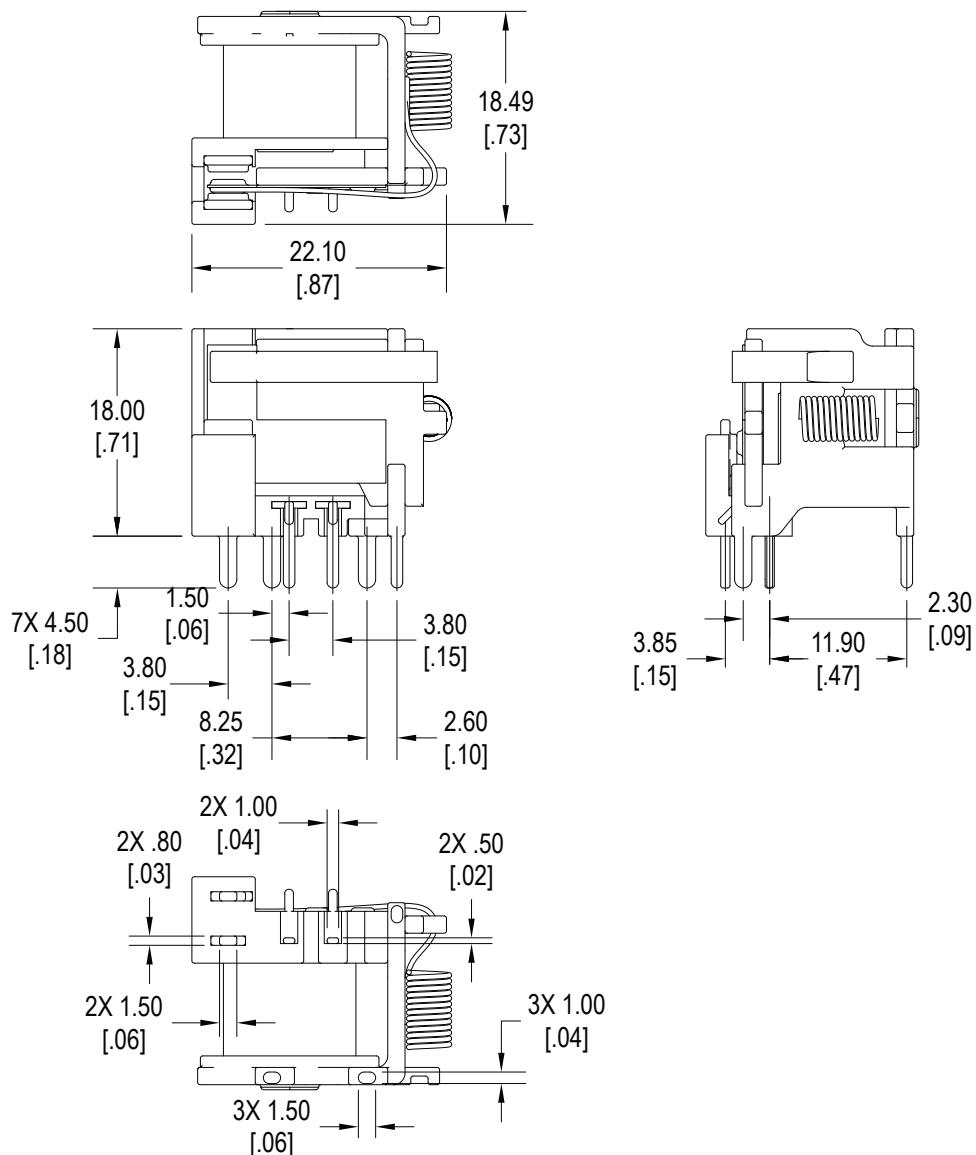


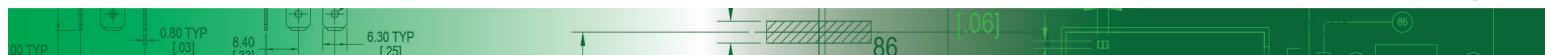
A5



Dimensions - Open Frame

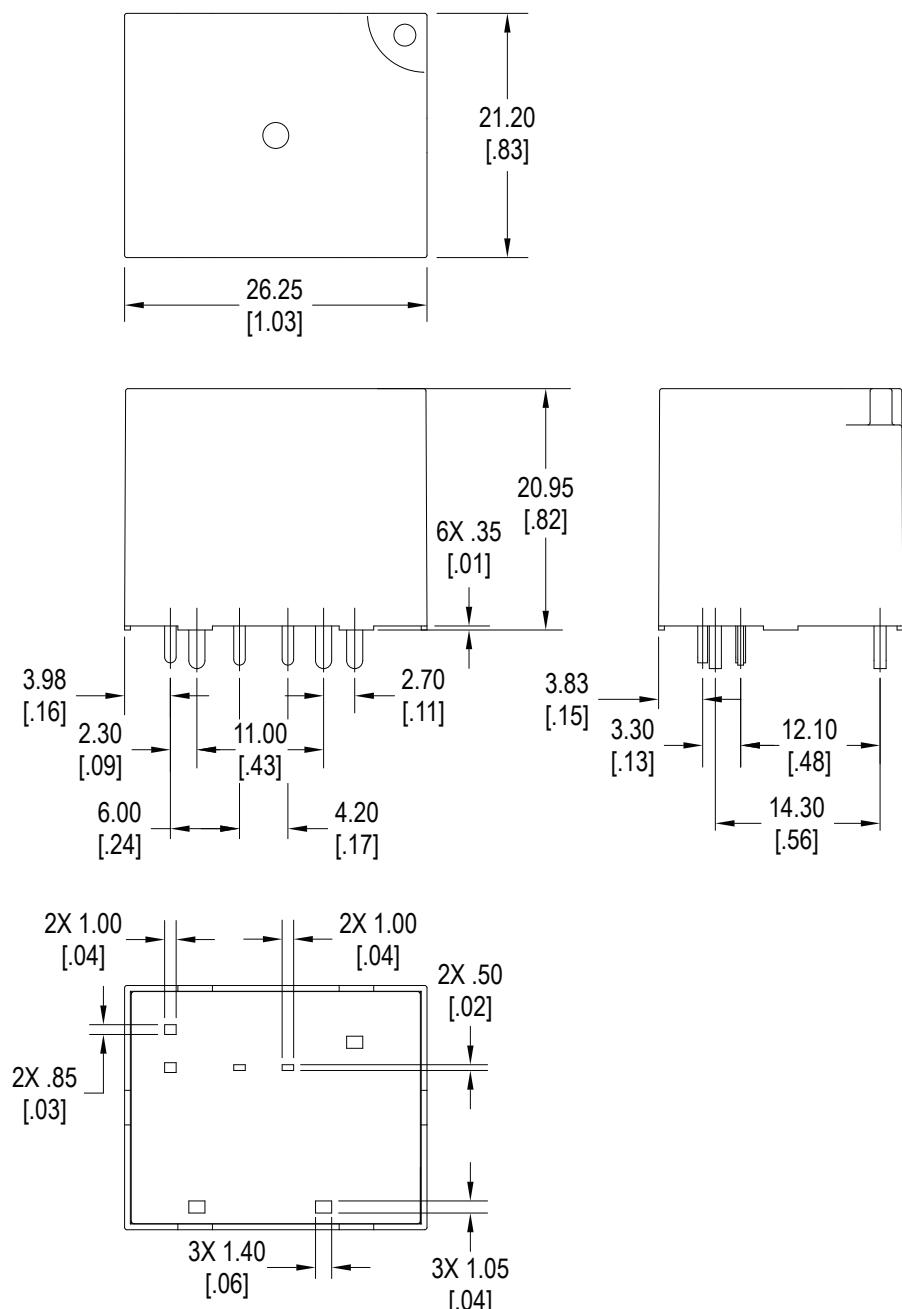
Units = mm



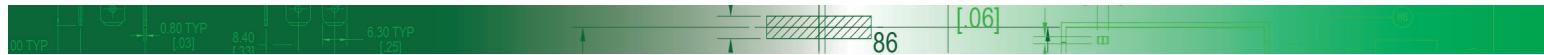


Dimensions - European

Units = mm

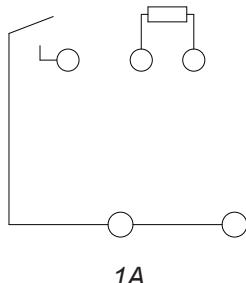


A5

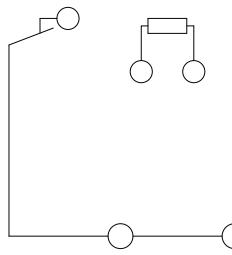


Schematics & PC Layouts

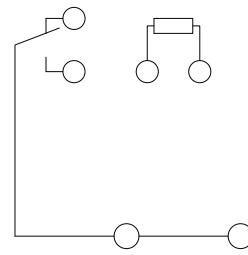
Bottom Views



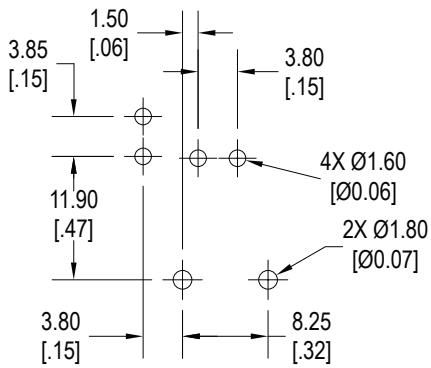
1A



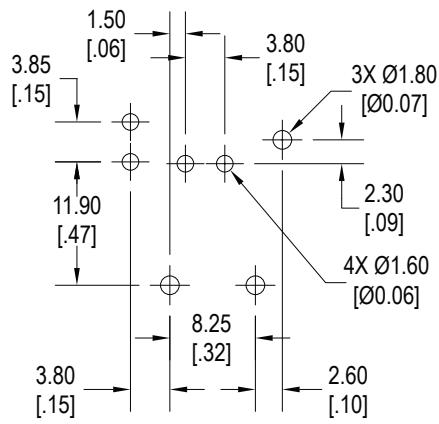
1B



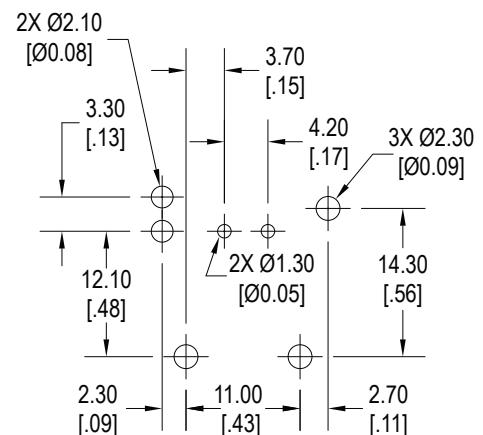
1C



Standard



Open Frame



European