

ARTICLE CODE

S10H-12 A R-B

S10H Series

Nil:Standard
 B:Plastic Bracket Cover
 Nil:Standard
 R:With resistance
 D:With diode
 Nil:1C
 A:1A
 B:1B
 U:1U
 Coil voltage
 12,24 VDC
 Model Name:S10H



Main Features:

- Miniature.
- Contact load capacity up to 80A.
- Suitable for automobile.
- Terminal types as inserting

COIL RATING(at 20°C)

Rated Voltage (VDC)	Coil Resistance (Ω)(±10%)	Rated Power (W)	Nominal Current (mA)(±10%)	Pull In Voltage (VDC)	Drop Out Voltage (VDC)
12V	90Ω	1.6W	133.3mA	7.8V	1.2V
24V	360Ω		66.7mA	17.0V	2.4V

PERFORMANCE(at initial value)

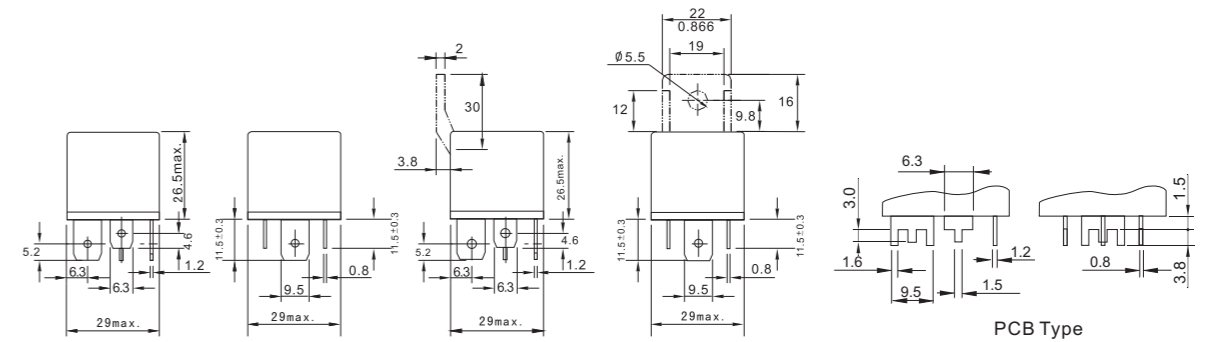
Item	Type	80A
Contact Resistance		50mΩ Max.(Initial Value)
Operate Time		7msec Max.
Release Time		5msec Max.
Dielectric Strength between Coil & Contact between Contact		750VAC(1min) 500VAC(1min)
Insulation Resistance		50MΩ Min.(DC500V)
Operating Ambient Temperature		-40 °C~+125°C
Humidity		35 to 85% RH
Vibration Resistance		10~55Hz, Amplitude:2mm
Voltage Drop between Contact Terminals		300mV(AT 10AMPS)
Life Expectancy Mechanically Electrically		10,000,000 ops.Min.(1800 ops./h) 100,000 ops.Min.(1200 ops./h)
Weight		48g(approx.)

CONTACT RATING

Item	Type	80A
Rated Carrying Current		80A/14VDC
Max. Allowable Current		50A
Max. Allowable Voltage		32V
Max. Current(Continual)		40A
Contact Material		Ag alloy

OUTLINE DIMENSION,WIRING DIAGRAM & PC BOARD LAYOUT

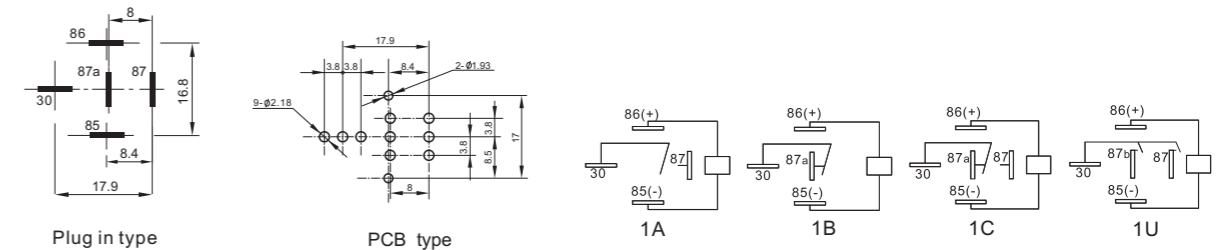
Unit: mm



Dimensions

PCB Type

Note: Terminals as shown above are also available.



Mounting (Bottom view)

Wiring diagram (Bottom view)

- Remark: 1) In case of no tolerance shown in outline dimension: outline dimension ≤1mm, tolerance should be ±0.2mm; outline dimension >1mm and ≤5mm, tolerance should be ±0.3mm; outline dimension >5mm, tolerance should be ±0.4mm.
 2) The tolerance without indicating for PCB layout is always ±0.1mm.
 3) The width of the gridding is 2.54mm.

CHARACTERISTIC CURVES

