

RELAY SPECIFICATIONS

TYPE : SCB-1M-1240

1. Dimensions

Drawing No. SCB-Y118

2. Coil Data

- 2-1. Normal voltage 12VDC
- 2-2. Coil resistance 90±9Ω at 20°C
- 2-3. Operate voltage 7.2VDC at 20°C
- 2-4. Release voltage 1.2VDC at 20°C
- 2-5. Temperature rise
-40°C to +125°C (no freezing) at normal voltage
And non-carrying current on contact
- 2-6. Normal power consumption 1.6W at 20°C

3. Contact Data


- 3-1. Contact arrangement 1 form C (SPDT)
- 3-2. Contact material Ag alloy
- 3-3. Contact rating
NO:40A at 14VDC, resistive
NC:30A at 14VDC, resistive
- 3-4. Max. carrying current 40A
- 3-5. Max. Allowable Voltage 32V
- 3-6. Contact resistance Max. 50mΩ (Initial value)
- 3-7. Electrical life 100,000 operations at rated load
(900 ops. / h)
- 3-8. Mechanical life 10,000,000 operations (300 ops. / h)

SCB RELAY

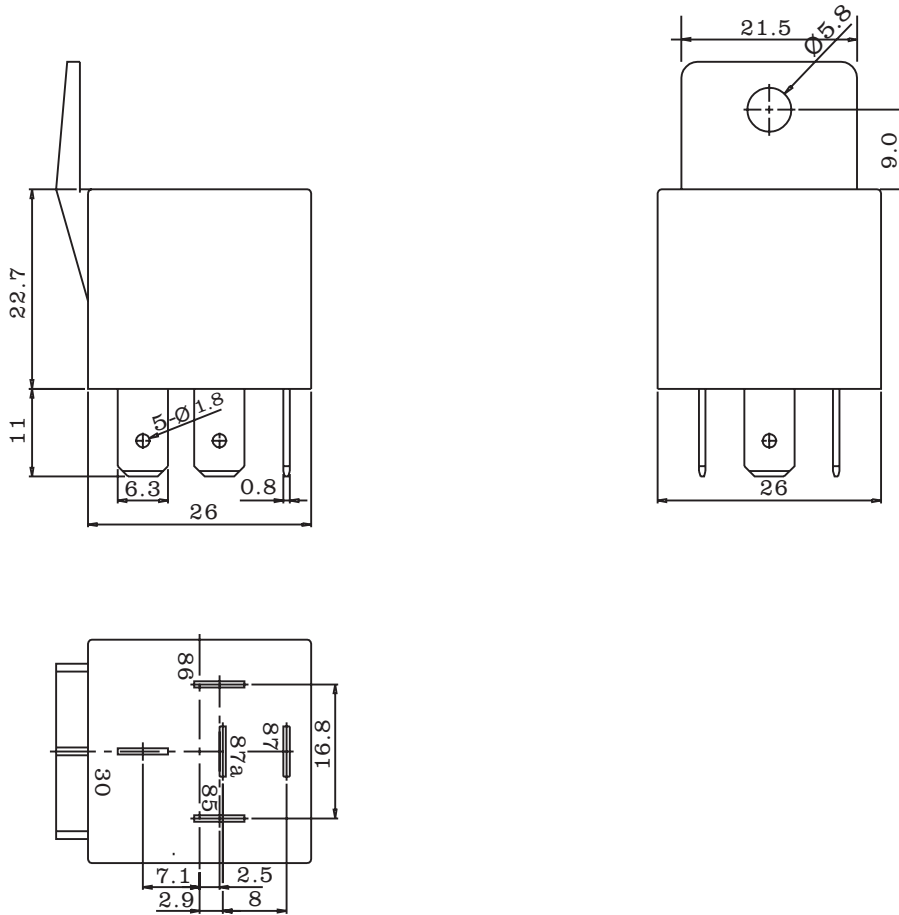
DRAWN	Tony Cheng	2020.03.21.	
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APPROVED			
SCALE		UNIT	
SHEET NO.	SCB-1M- 1240(1/2)		

4. General Data

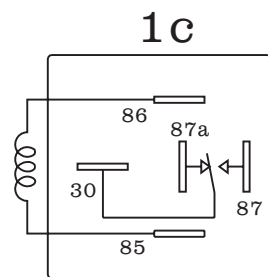
- 4-1. Insulation resistance 100MΩ at 500VDC
Between all conductors
- 4-2. Dielectric strength (50 / 60 Hz)
AC500V (1min)
- 4-3. Operate time
Approx. 10ms at 20°C, normal voltage (Not including bounce)
- 4-4. Release time
Approx. 10ms at 20°C, normal voltage (Not including bounce)
- 4.5. Humidity
35 to 85% RH
- 4-6. Vibration resistance
10~55Hz, amplitude 2mm
- 4-7. Weight 32.5g(about)

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 <i>SUN HOLDELECTRIC INC</i>	SHEET NO.	SCB-1M-1240 (2/2)	

Dimensions



Wiring Diagram (Bottom View)



REMARK: Tolerance of outline dimensions: < 1mm: ±0.2 mm
 1~5mm: ±0.3 mm
 >5mm: ±0.4 mm

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SUN HOLD ELECTRIC INC	SHEET NO.	SCB-158	