RELAY SPECIFICATIONS

TYPE : RAS-1210 FT

1. Dimensions — Drawing No. RAS-106FT

2. Coil Data
   - 2-1. Normal voltage — 12VDC
   - 2-2. Coil resistance — 400±40Ω at 20℃
   - 2-3. Operate voltage — 9VDC at 20℃
   - 2-4. Release voltage — 1.2VDC at 20℃
   - 2-5. Temperature rise
     -30℃ to + 80℃ at normal voltage
     And non-carrying current on contact
   - 2-6. Max. allowable coil voltage
     15.60V at 20℃ and non-carrying current on contact
   - 2-7. Normal power consumption 0.36W at 20℃

3. Contact Data
   - 3-1. Contact arrangement — 1 form C (SPDT)
   - 3-2. Contact material — Ag alloy
   - 3-3. Contact rating — 10A at 120VAC or 24VDC, resistive
     7A at 250VAC, resistive
   - 3-4. Max. carrying current — 15A
   - 3-5. Contact resistance — Max. 50mΩ (Initial value)
   - 3-6. Electrical life — 20,000 operations at rated load
     (1200 ops. / h)
   - 3-7. Mechanical life — 10,000,000 operations (1800 ops. / h)

RAS RELAY	DRAWN	Tony Cheng	10.07.24
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	SCALE	UNIT	
SUN HOLD ELECTRIC INC	SHEET NO.	RAS-1210 FT (1/2)	

4. General Data

4-1. Insulation resistance — 100MΩ at 500VDC
Between all conductors

4-2. Dielectric strength (50 / 60 Hz)

750 VAC between open contacts

1500 VAC between all other conductors

4-3. Operate time

Approx. 10ms at 20℃, normal voltage (Not including bounce)

4-4. Release time

Approx. 5ms at 20℃, normal voltage (Not including bounce)

4-5. Vibration resistance

Operating extremes	10G's (10-55Hz)
Damage limits	12G's (10-55Hz)

4-6. Shock resistance

Operating extremes	10G
Damage limits	100G

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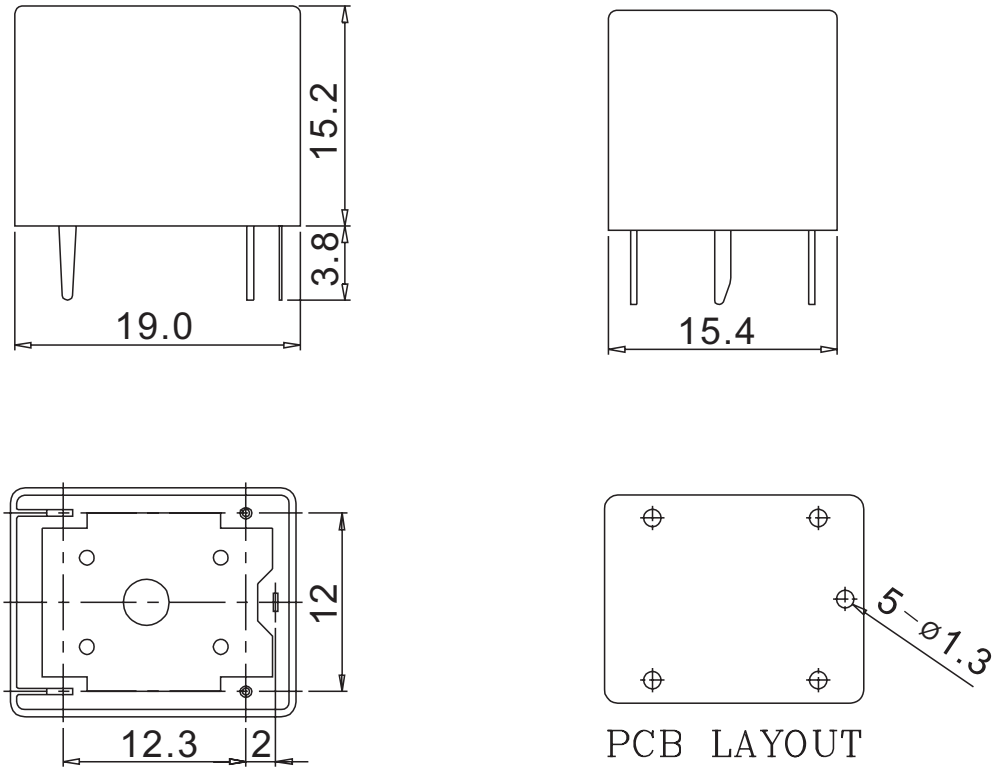
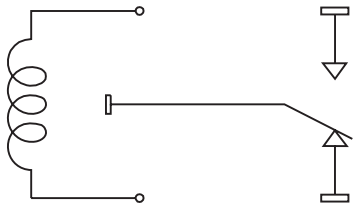
Dimensions



Wiring Diagram (Bottom View)



REMARK: **Tolerance of outline dimensions: ±0.2 mm**

RAS RELAY	DRAWN	Tony Cheng	10.08.12
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	SCALE	UNIT	
SUN HOLD ELECTRIC INC	SHEET NO.	RAS-134	