

# 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°C
- 2-3. Operate voltage 9VDC at 20°C
- 2-4. Release voltage 1.2VDC at 20°C
- 2-5. Temperature rise  
-30°C to + 80°C at normal voltage  
And non-carrying current on contact
- 2-6. Max. allowable coil voltage  
15.60V at 20°C and non-carrying current on contact
- 2-7. Normal power consumption 0.36W at 20°C


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)

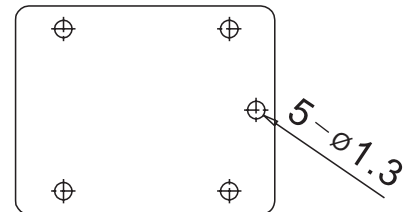
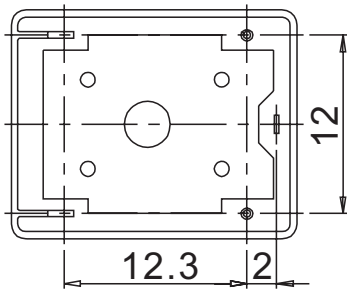
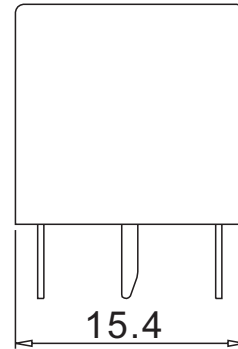
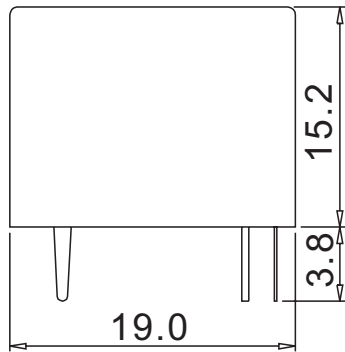
<h2>RAS RELAY</h2>	DRAWN	Tony Cheng	10.07.24
	CHECKED		
	APPROVED		
	SCALE		UNIT
 <b>SUN HOLDELECTRIC INC</b>	SHEET NO.	RAS-1210 FT (1/2)	

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°C, normal voltage (Not including bounce)
- 4-4. Release time  
Approx. 5ms at 20°C, 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

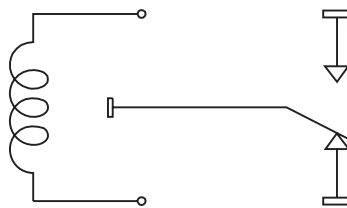
<b>RAS RELAY</b>	DRAWN	Tony Cheng	10.07.24
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Dimensions



PCB LAYOUT

Wiring Diagram (Bottom View)



REMARK: Tolerance of outline dimensions:  $\pm 0.2$  mm

<b>RAS RELAY</b>	DRAWN	Tony Cheng	10.08.12
	CHECKED		
	APPROVED		
	SCALE		UNIT
<b>SUN HOLD ELECTRIC INC</b>	SHEET NO.	RAS-134	