

RELAY SPECIFICATIONS

TYPE : RETS-1215

1. Dimensions

Drawing No. RETS-1215

2. Coil Data

- 2-1. Normal voltage 12VDC
- 2-2. Coil resistance 400±40Ω at 20°C
- 2-3. Operate voltage 9.0VDC 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
13.2V 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 15A at 120VAC or 30VDC, resistive
- 3-4. Max. carrying current 20A
- 3-5. Contact resistance Max. 50mΩ (Initial value)
- 3-6. Electrical life 100,000 operations at rated load
(1200 ops. / h)
- 3-7. Mechanical life 10,000,000 operations (1800 ops. / h)

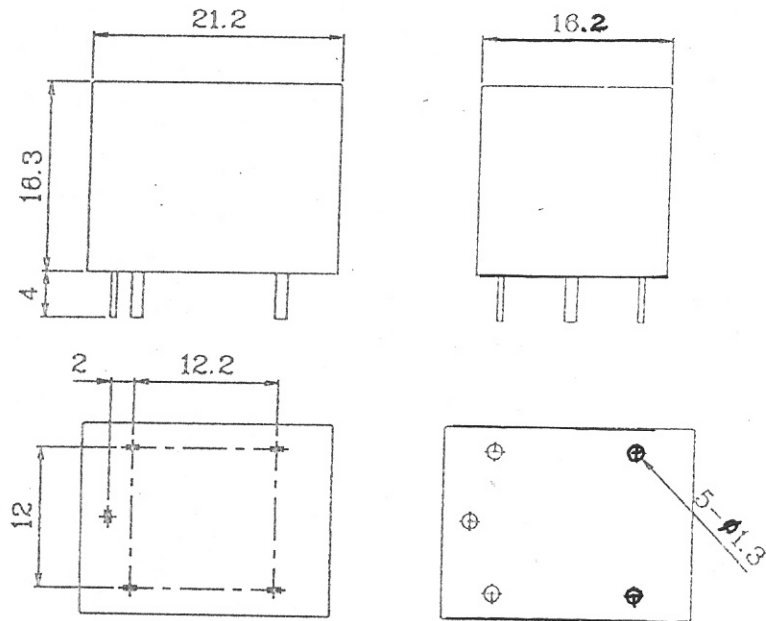
RETS RELAY	DRAWN	Tony Cheng	88.09.23
	CHECKED		
	APPROVED		
	SCALE		UNIT
SUN HOLD ELECTRIC INC	SHEET NO.	RETS-1215 (1/2)	

4. General Data

- 4-1. Insulation resistance 100MΩ at 500VDC
Between all conductors
- 4-2. Dielectric strength (50 / 60 Hz)
1500 VAC between open contacts
750 VAC between all other conductors
- 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)

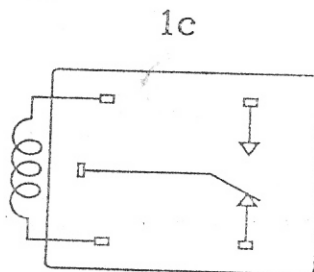
RETS RELAY	DRAWN	Tony Cheng	88.09.23
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Dimensions



PCB LAYOUT

Wiring Diagram (Bottom View)



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SUN HOLD ELECTRIC INC		SHEET NO.		RETS-1215