

RELAY SPECIFICATIONS

TYPE : TDS-2402L

1. Dimensions

Drawing No. TDS-119

2. Coil Data

- 2-1. Nominal voltage 24VDC
- 2-2. Coil resistance 2800 ± 280Ω at 20°C
- 2-3. Operate voltage 18VDC at 20°C
- 2-4. Release voltage 2.4VDC at 20°C
- 2-5. Temperature rise
-40°C to + 80°C at nominal voltage
And non-carrying current on contact
- 2-6. Max. allowable coil voltage
36V at 20°C and non-carrying current on contact
- 2-7. Nominal power consumption 0.2W at 20°C

3. Contact Data

- 3-1. Contact arrangement 2 form C (DPDT)
- 3-2. Contact material Ag alloy
- 3-3. Contact rating
1A at 120VAC or 24VDC, resistive
2A at 24VDC, resistive
- 3-4. Max. carrying current 2A
- 3-5. Contact resistance Max. 100mΩ (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)

TDS RELAY	DRAWN	Tony Cheng	88.11.15.
	CHECKED		
	APPROVED		
	SCALE	UNIT	
SUN HOLD ELECTRIC INC	SHEET NO.	TDS-419(1/2)	

4. General Data

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

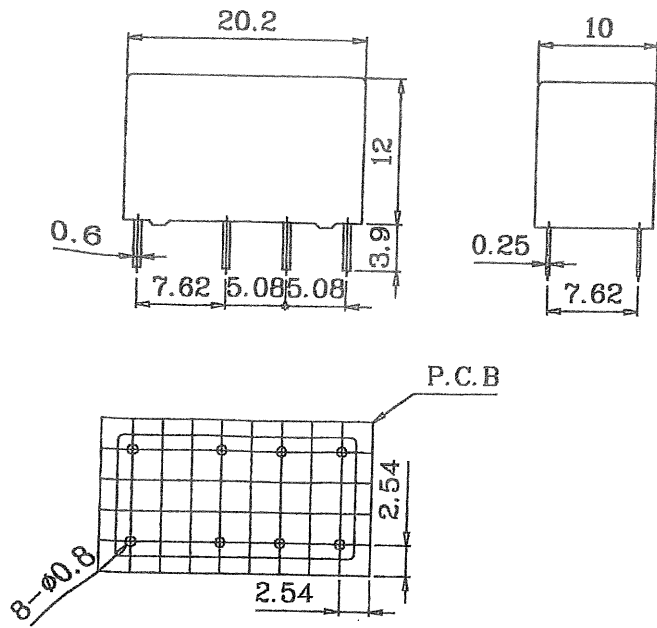
4-2. Dielectric strength (50 / 60 Hz)
500 VAC between open contacts
1000 VAC between all other conductors

4-3. Operate time
Approx. 6ms at 20°C, normal voltage (Not including bounce)

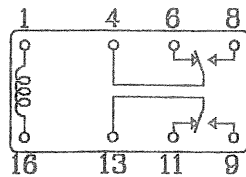
4-4. Release time
Approx. 4ms at 20°C, normal voltage (Not including bounce)

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Dimensions



Wiring Diagram (Bottom View)



TDS RELAY

SUN HOLD ELECTRIC INC

DRAWN	Tony Cheng	98.12.29.
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SCALE	UNIT	
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