RELAY SPECIFICATIONS

TYPE : TDS-1202L

1. Dimensions

Drawing No. TDS-119

- 2. Coil Data
 - 2-1. Nominal voltage 12VDC 2-2. Coil resistance 720 ± 720 at 20 <u>9VDC</u> at 20 2-3. Operate voltage 1.2VDC at 20
 - 2-4. Release voltage
 - 2-5. Temperature rise -40 to + 80 at nominal voltage
 - And non-carrying current on contact
 - 2-6. Max. allowable coil voltage and non-carrying current on contact <u>18V</u> at 20
 - 2-7. Nominal power consumption 0.2W at 20
- 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. 100mO (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)

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	CHECKED			
	APPROVED			
	SCALE		UNIT	
SUN HOLD ELECTRIC INC	SHEET NO.	TDS-419(1/2)		

4. General Data

4-1. Insulation resistance

<u>100MO</u> at 500VDC Between all conductors

- 4-2. Dielectric strength (50 / 60 Hz) <u>500 VAC</u> between open contacts <u>1000 VAC</u> between all other conductors
- 4-3. Operate time

Approx. <u>6ms</u> at 20 , normal voltage (Not including bounce)

4-4. Release time

Approx. <u>4ms</u> at 20 , normal voltage (Not including bounce)

4-5. Vibration Resistance

10G(10~55Hz) Dual amplitude : 1.5mm

5g(about)

4-6. Weight

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