



**SPECIFICATIONS:**

**1. CURRENT CARRYING CAPACITY:**

- 1) AC: 100V 1A MAX.
- 2) DC: 24V 2A MAX.

**2. CONTACT RESISTANCE:**

- 1) INITIAL, BEFORE LIFE CYCLE TEST.  
PIN TO CONTACTOR: 20mΩ MAX.  
PLUG SHIELD TO CONNECTOR: 100mΩ MAX.
- 2) AFTER LIFE CYCLE TEST.  
PIN TO CONTACTOR: 100mΩ MAX.  
PLUG SHIELD TO CONNECTOR: 150mΩ MAX.

**3. INSULATION RESISTANCE:**

BETWEEN ANY ADJACENT OPEN CONTACTS SHALL NOT BE LESS THAN 100MΩ AS SPECIFIED BELOW WITH AT 500V DC INSULATION RESISTANCE TEST.

**4. DIELECTRIC STRENGTH:**

A POTENTIAL OF 500V AC RMS, 50/60HZ SHALL BE APPLIED BETWEEN ANY OPEN CONTACTS FOR ONE MINUTE WITHOUT BREAKDOWN.

**5. INSERTION FORCE: 5.0kg MAX.**

**6. WITHDRAWAL FORCE: 1.0kg MIN.**

**7. LIFE CYCLE TEST:**

CONNECTOR SHALL BE SUBJECT TO 5,000 CYCLES AT 10 TO 20 CYCLES PER MINUTE WITH NO ELECTRICAL LOAD.

**8. UNLESS OTHERWISE SPECIFIED TOLERANCE ARE: ±0.2mm**

5	CONTACT TERMINAL	8	BRASS 0.7t TIN ALLOY PLATING
4	SHIELDING PLATE	1	PHOSPHOR BRONZE 0.15t TIN ALLOY PLATING
3	EARTH TERMINAL	1	PHOSPHOR BRONZE 0.25t TIN ALLOY PLATING
2	COVER	1	PBT UL 94V-0 BLACK COLOR
1	BODY	1	PBT UL 94V-0 BLACK COLOR
LTR	PART NAME	QTY	MATERIAL & SPEC



TITLE: 8P 270° DIN CONNECTOR (WITH SHIELD)

DWN: GHEN 3/5-'99 UNIT: MM CAD NO. 0108PSA

CHKD: SHUN 3/5-'99 SCALE: 2/1 DWG NO. NEW NO. 2DU-0108PSA2

APPVD: FRANK 3/5-'99 SIZE: B4