



**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**

4	CONTACT TERMINAL	8	BRASS 0.7t SILVER PLATING
3	EARTH TERMINAL	1	PHOSPHOR BRONZE 0.25t SILVER 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
Singatron Enterprise Co., Ltd. 信音企業股份有限公司			
TITLE: 8P 270° DIN CONNECTOR			
DWN	CHEN 3/3-'99	UNIT: MM	CAD NO. DUD10BPA
CHKD	SHUN 3/4-'99	SCALE: 2/1	DWG NO.
APPVD	FRANK 3/4-'99	SIZE: B4	NEW NO. 2DU-010BPA03 OLD NO. DU-010-8P(A)