

RoHS
compliant

SPECIFICATION

MATERIAL AND FINISH:

1. INSULATOR: THERMAL PLASTIC UL94V-0, GRAY

2. CONTACTS: COPPER ALLOY

PLATING: UNDERPLATE: 50~100u" NI

CONTACT AREA: 1~30u" AU

SOLDER TAILS AREA: 100~200u" SN

3. RIVET, BOARDLOCK: COPPER ALLOY

ELECTRICAL CHARACTERISTIC:

1. OPERATION VOLTAGE: 250 VAC MAX.

2. CURRENT RATING:

TEMP(°C)	20	70	100
CURRENT	2.0A	1.6A	1.0A

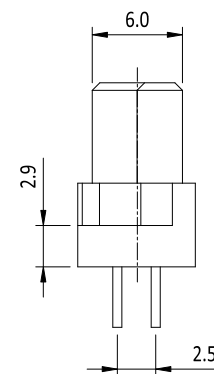
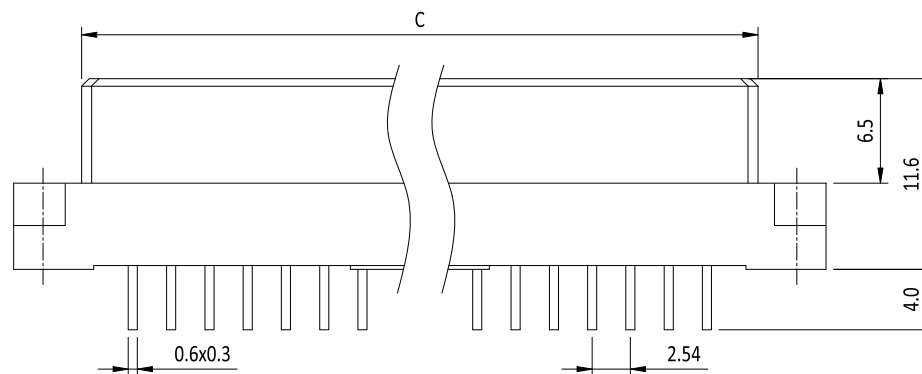
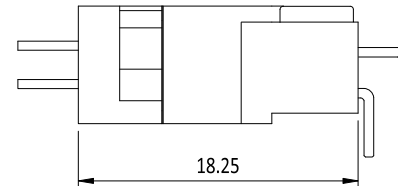
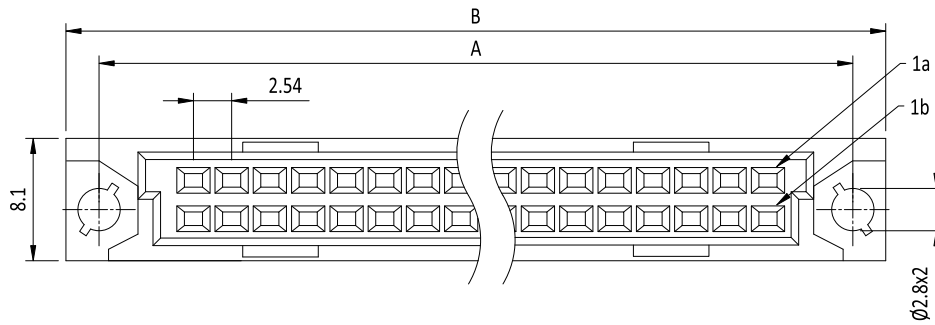
3. CONTACT RESISTANCE: 20 mΩ MAX.

4. INSULATION RESISTANCE: 1000 MΩ MIN. @ 500 VDC

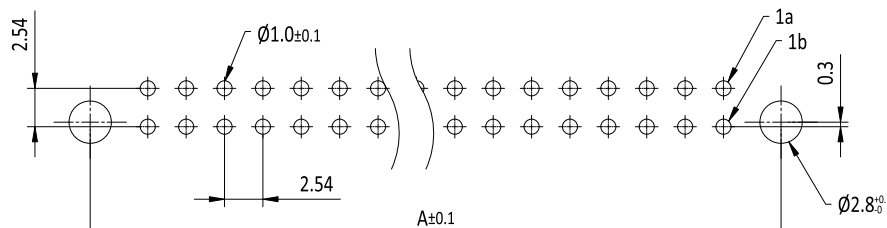
5. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VAC/MINUTE

ENVIRONMENT:

1. OPERATING TEMPERATURE RANGE: -55°C TO +125°C



PIN	A	B	C
64	90.00	95	85
32	50.0	54	44



RECOMMENDED PCB LAYOUT(TOP VIEW)
TOLERANCES: ±0.05mm

2					
1	50511010010	405AF64FSSAAB4	64	GOLD FLASH/MATTE SN	
ITEM	NEW P/N	OLD P/N	PIN	CONTACT	NOTE
UNLESS OTHERWISE SPECIFIED TOLERANCE			SIP Cmk Cpk		
ANG. ±5° 0 ±0.5 0 ±0.3 .00 ±0.2			CHANT SINCERE CO.,LTD		
SCALE: AS SHOWN			UNIT: mm		
DRAWN: XINGRU_LAI			15 Jan 2025		
CHECKED: PEARL_HUNG			23 Jan 2025		
APPROVED: PEARL_HUNG			23 Jan 2025		
PART NO. 5051101XXXX			TITLE: DIN 41612 DUAL ROW B TYPE FEMALE		
CODE: GC			CUSTOMER:		

	I	ECN-2501058(KIRA)NEW P/N	14JAN2025
	H	ECN-0811091(FANNY)	12NOV2008
	G	ECN-0810092(KUO)	15OCT2008
ZONE	REVISION	DESCRIPTION	DATE
1	2	3	4
5	6	7	8
9	10		