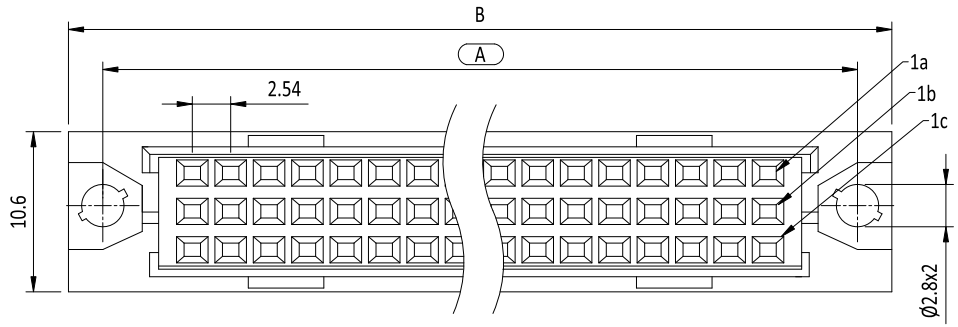
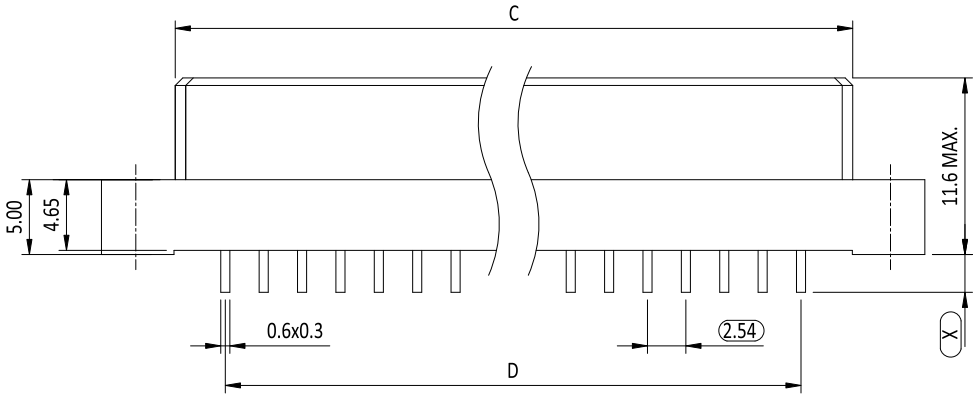
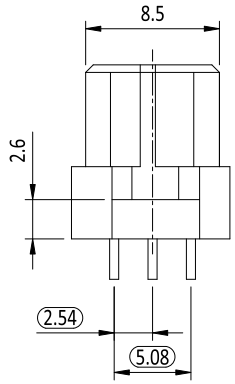
RoHS compliant

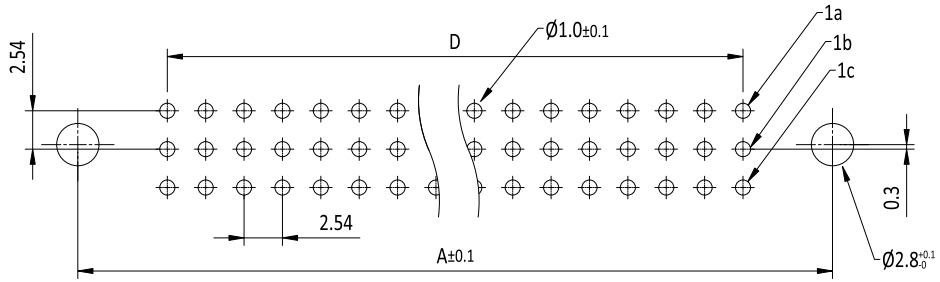


CONTACT LENGTH
DIM. FOR "X":

2.5mm
4.0mm
13.0mm
17.0mm







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

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	D
96	90.00	95.0	85.0	78.74
48	49.36	54.4	44.4	38.1

Chant Sincere Co., Ltd. 20MAR2025 Research & Development Dept.

ITEM	NEW P/N	OLD P/N	PIN	DIM X	CONTACT	NOTE
2						
1	50501020010	406AF96FSSAAB4	96	4.0mm	GOLD FLASH/MATTE SN	

UNLESS OTHERWISE SPECIFIED TOLERANCE
ANG. ±5°
0. ±0.5
.0 ±0.3
.00 ±0.2

SIP
ST Cmk Cpk

CHANT SINCERE CO.,LTD

SCALE: AS SHOWN
UNIT: mm
DRAWN: XINGRU_LAI 04 Mar 2025
CHECKED: PEARL_HUNG 20 Mar 2025
APPROVED: PEARL_HUNG 20 Mar 2025
TITLE: DIN 41612(THREE ROW) FEMALE (C TYPE)
PART NO. 5050102XXXX
SIZE A4 SHEET 1/1 REV. O
CODE: GC
CUSTOMER:

ZONE	REVISION	DESCRIPTION	DATE
	O	ECN-2502070(KIRA)NEW P/N	18FEB2025
	N	ECN-1210013(YULUNG)ADD SIP	11OCT2012
	M	ECN-0811259(CHICHI)	28NOV2008