

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

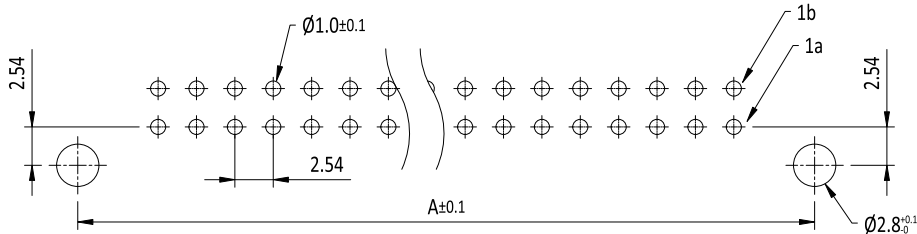
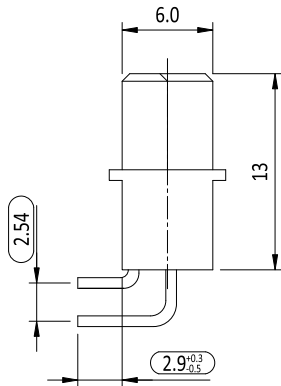
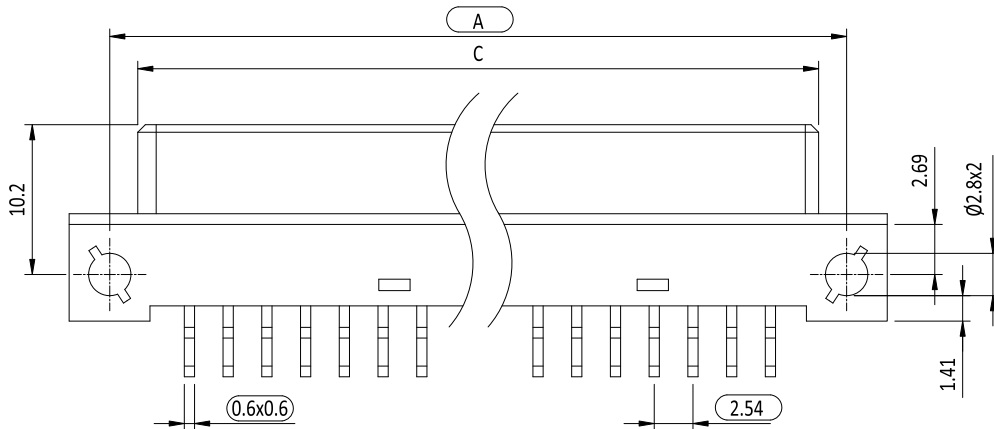
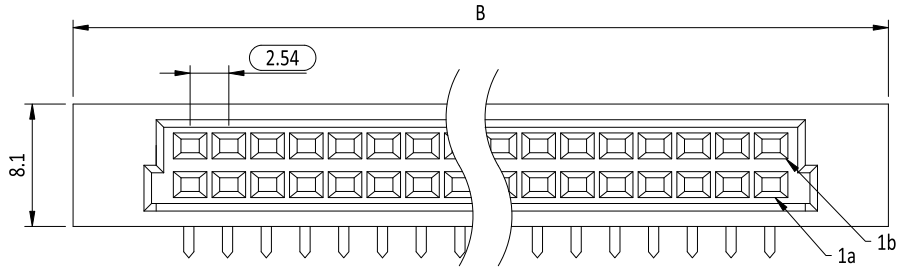
ELECTRICAL CHARACTERISTIC:
1. OPERATION VOLTAGE: 250 VAC MAX.
2. CURRENT RATING:

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

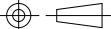
3. CONTACT RESISTANCE: 20 mΩ MAX.
4. INSULATION RESISTANCE: 1000 MΩ MIN. @ 500 VDC
5. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VAC/MINUTE

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

PIN	A	B	C
64	88.90	94	85.0
32	48.20	53	44.4



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

2					
1	50513010010	405AF64FSRCAE4	64	GOLD FLASH/MATTE SN	
ITEM	NEW P/N	OLD P/N	PIN	CONTACT	NOTE
UNLESS OTHERWISE SPECIFIED TOLERANCE			 SIP	 CHANT SINCERE CO.,LTD	
ANG. ±5°			 Cmk Cpk		
0 ±0.5					
0 ±0.3					
.00 ±0.2					
SCALE: AS SHOWN		UNIT: mm		TITLE: DIN 41612 (DUAL ROW) FEMALE(Q TYPE)	
DRAWN: XINGRU_LAI		23 Jan 2025			
CHECKED: PEARL_HUNG		23 Jan 2025			
APPROVED: PEARL_HUNG		23 Jan 2025			
		SIZE A4	SHEET 1/1	REV. L	PART NO. 5051301XXXX
7		8		9	
				10	

	L	ECN-2501056(KIRA)NEW P/N				14JAN2025
	K	ECN-1208016(JENNY)				07AUG2012
	J	ECN-0811253(CHICHI)				27NOV2008
ZONE		REVISION	DESCRIPTION			DATE
1	2	3	4	5	6	