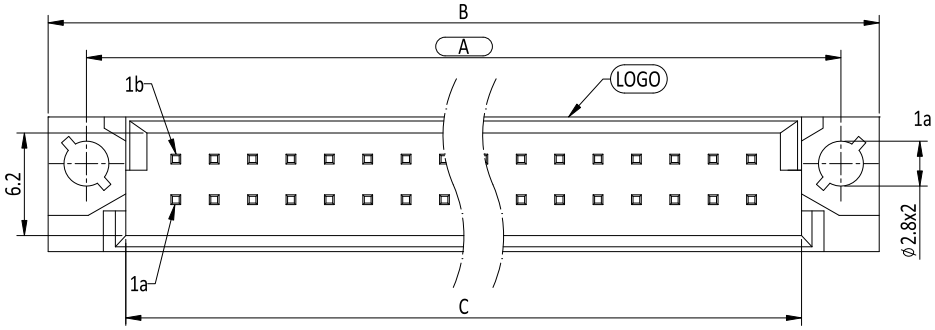
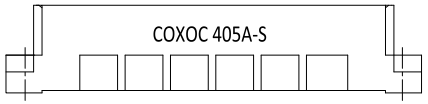
RoHS compliant





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

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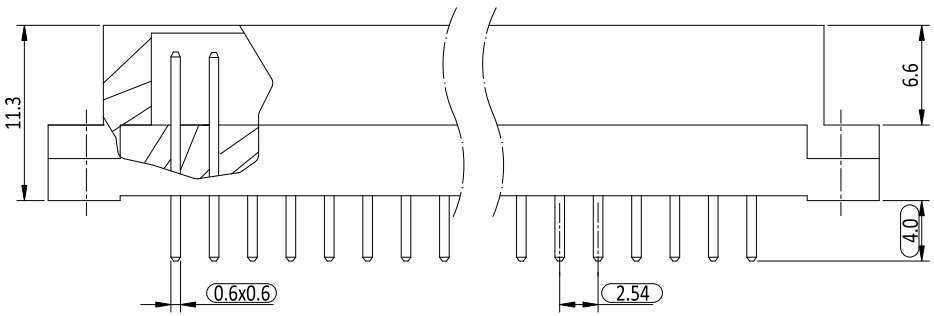
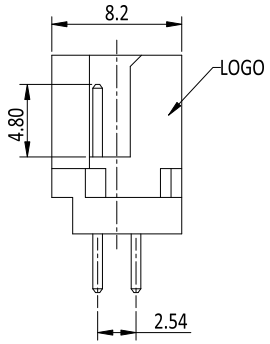
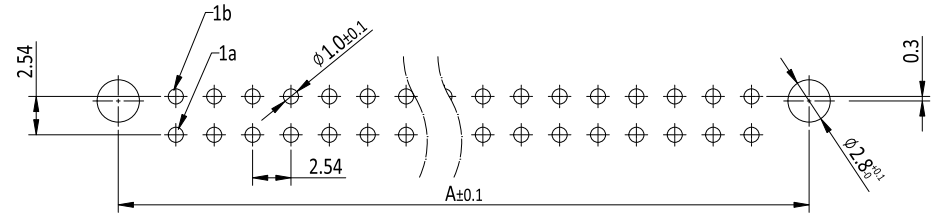




PIN	A	B	C
64	90.0	95	85.2
32	49.0	54	44.4



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

1	50514010010	405AF64MSSCAB4	64	GOLD FLASH/MATTE SN	W/O LOGO
ITEM	NEW P/N	OLD P/N	PIN	CONTACT PLATING	NOTE

UNLESS OTHERWISE SPECIFIED TOLERANCE
ANG. ±5°
0 ±0.50
.0 ±0.30
.00 ±0.20

SIP
ST Cmk Cpk

SCALE: AS SHOWN
UNIT: mm

CHANT SINCERE CO.,LTD

ZONE	REVISION	DESCRIPTION	DATE
B6	G	ECN-2502107(KIRA)ADD NEW /N	25FEB2025
	F	ECN-1011068(ALEX)刪除1.04mm的尺寸	17NOV2010
	E	ECN-0812196(JOE)	30DEC2008

DRAWN: HOLLY_TU 25 Feb 2025
CHECKED: PEARL_HUNG 03 Mar 2025
APPROVED: PEARL_HUNG 03 Mar 2025

SIZE A4 SHEET 1/1 REV. G

TITLE: DIN 41612(DUAL ROW) MALE (Q TYPE)
PART NO. 5051401XXXX
CODE: GC CUSTOMER: