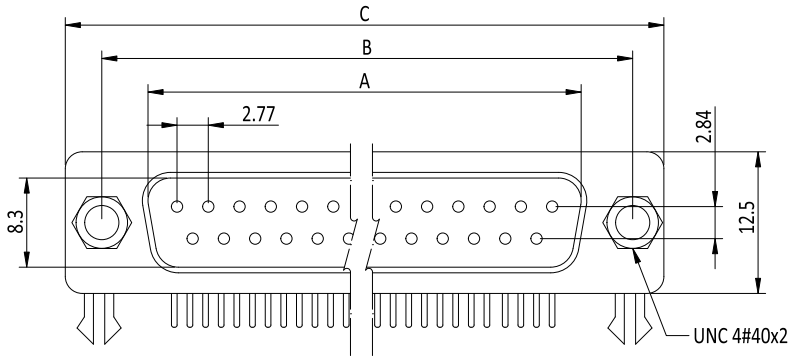
RoHS compliant



PIN	A	B	C
09	16.92	25.00	30.8
15	25.25	33.30	39.2
25	38.96	47.10	53.1
37	55.42	63.50	69.4

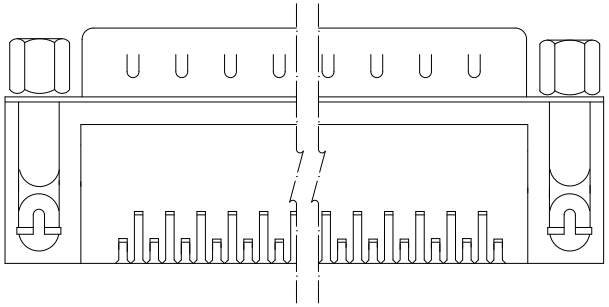
SPECIFICATION

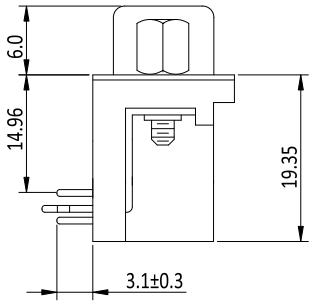
MATERIAL AND FINISH:
1. INSULATOR: THERMAL PLASTIC UL94V-0, BLACK
2. CONTACTS: COPPER ALLOY
   PLATING: UNDERPLATE: 50~100u" NI
   CONTACT AREA: 1~30u" AU
   SOLDER TAILS AREA: 100~200u" SN
3. SHELL: STEEL
4. RIVET, BOARDLOCK: COPPER ALLOY

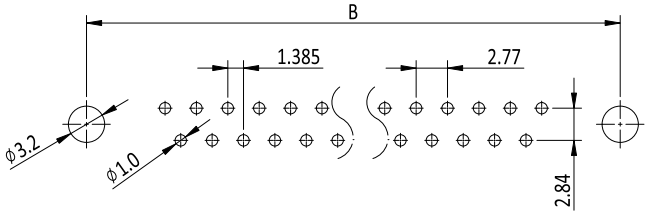
ELECTRICAL CHARACTERISTIC:
1. CURRENT RATING: 3 A MAX.
2. CONTACT RESISTANCE: 15 mΩ MAX.
3. INSULATION RESISTANCE: 3000 MΩ MIN. @ 500 VDC
4. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VAC / MINUTE
5. OPERATION VOLTAGE: 250 VAC MAX.

ENVIRONMENT:
1. TEMPERATURE RANGE: -55°C TO +105°C

Chant Sincere Co., Ltd. 27FEB2025 Research & Development Dept.

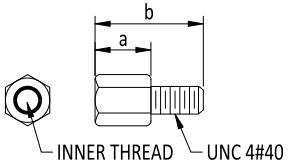






RECOMMENDED PCB LAYOUT(TOP VEW)
TOLERANCES: ±0.05mm

PARTS DIMENSION TABLE



DIM. a	DIM. b	INNER THREAD
4.8	11.8	4#40

ITEM	NEW P/N	OLD P/N	PIN	CONTACT	SHELL	SCREWS
4	50239010040	209AE37MGPAAC3	37	GOLD FLASH	SN	FIXED 4.8x11.8
3	50239010030	209AE25MGPAAC3	25	GOLD FLASH	SN	FIXED 4.8x11.8
2	50239010020	209AE15MGPAAC3	15	GOLD FLASH	SN	FIXED 4.8x11.8
1	50239010010	209AE09MGPAAC3	09	GOLD FLASH	SN	FIXED 4.8x11.8

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

ZONE	REVISION	DESCRIPTION	DATE
	F	EC-2502063(KIRA)ADD NEW P/N	14FEB2025
	E	ECN-0701071(VICKY)	01JAN2007
	D	ECN-0403108(BONNY)	17MAR2004

DRAWN:	HOLLY_TU	17 Feb 2025
CHECKED:	PEARL_HUNG	17 Feb 2025
APPROVED:	PEARL_HUNG	17 Feb 2025

TITLE: D-SUB PCB RIGHT ANGLE MALE FOOTPRINT: 13.84mm (0.590")

PART NO. 5023901XXXX

SIZE A4 | SHEET 1/1 | REV. F | CODE: GC | CUSTOMER: