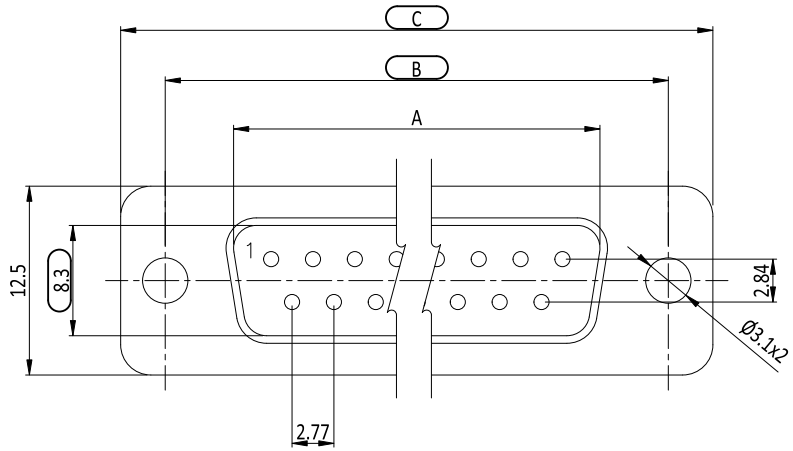
RoHS compliant



PIN.	A	B	C	D	E
9	16.92	25.00	30.8	19.2	6.96
15	25.25	33.30	39.2	27.7	6.96
25	38.96	47.10	53.1	41.1	6.93
37	55.42	63.50	69.4	57.3	6.82

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 MIN.
3. SHELL: STEEL

ELECTRICAL CHARACTERISTIC:

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

ENVIRONMENT:

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

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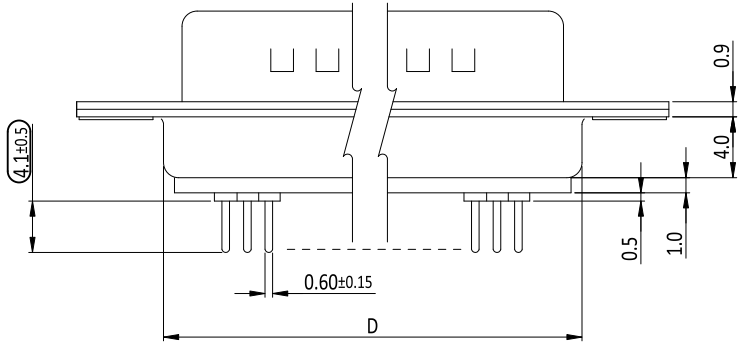

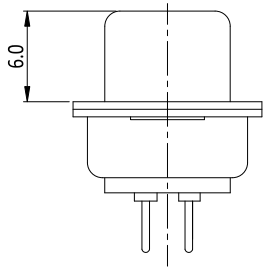

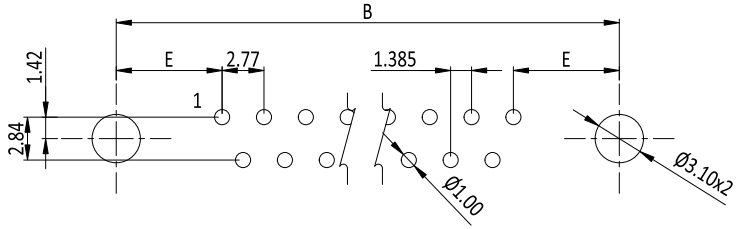

RECOMMENDED PCB LAYOUT (TOP VIEW)
TOLERANCES: ±0.05mm

ITEM	NEW P/N	OLD P/N	PIN	CONTACT	SHELL	NOTE
4	50204040040	202AE37MGPAAA3	37	GOLD FLASH	SN	
3	50204040030	202AE25MGPAAA3	25	GOLD FLASH	SN	
2	50204040020	202AE15MGPAAA3	15	GOLD FLASH	SN	
1	50204040010	202AE09MGPAAA3	9	GOLD FLASH	SN	

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

SIP
ST Cmk Cpk

CHANT SINCERE CO.,LTD

SCALE: AS SHOWN | UNIT: mm

ZONE	REVISION	DESCRIPTION	DATE			
	K	ECN-2501067(KIRA)NEW P/N	24DEC2024	DRAWN: BENSON_ZHENG	17 Jan 2025	
	J	ECN-1501010(WENDY)	08JAN2015	CHECKED: PEARL_HUNG	20 Jan 2025	
	I	ECN-1212013(LISA)	07DEC2012	APPROVED: PEARL_HUNG	20 Jan 2025	

TITLE: D-SUB PCB STRAIGHT

PART NO. 5020404XXXX

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