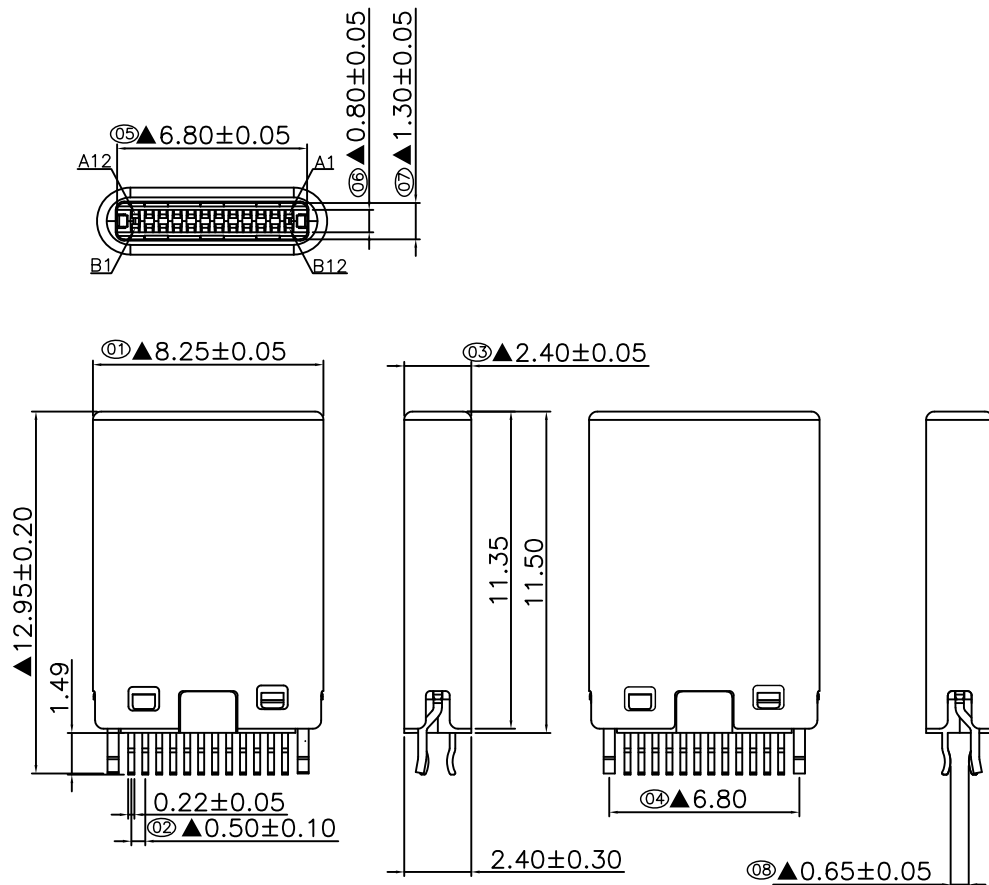




RECOMMENDED PCB LAYOUT
PCB THICKNESS 0.8mm
GENERAL TOLERANCE ± 0.05

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	TX1+	TX1-	VBUS	CC1	D+	D-	SBU1	VBUS	RX2-	RX2+	GND
GND	RX1+	RX1-	VBUS	SBU2	D-	D+	CC2	VBUS	TX2-	TX2+	GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

NOTES:

1. CURRENT RATING:
3.0A MAX.
2. DIELECTRIC WITHSTAND VOLTAGE:
100VAC.
3. TEMPERATURE RANGE:
 $-30^{\circ}\text{C} \sim 85^{\circ}\text{C}$.
4. CONTACT RESISTANCE:
40 MILLIONHM MAX.
5. INSULATION RESISTANCE:
100 MEGOHMS MIN.
6. INSERTION FORCE :
5N~20N.
7. UNMATING FORCE:
8N~20N.
8. DURABILITY:
10,000 CYCLES.
9. ALL PRODUCTS COMPLY WITH RoHS
ENVIRONMENTAL REQUIREMENTS.
- 10: MARK "▼" AS THE FOCUS,
FIRST ITEM INSPECTION.
- 11: MARK "⊗" TO MEASURE DIMENSIONS
FOR FAI.

TABLE:

INSERT MOLD	SHELL	Stainless Steel;T=0.15mm;	Ni:50u"Min
	LATCH	Stainless Steel;T=0.3mm;	Electroplated semi-nickel matte tin;50u"Min;
	EMC SPRING	Stainless Steel;T=0.10mm	-----
	CONTACT	Copper Alloy;T=0.20mm	Ni:50u"Min; Au:CONTACT AREA:1u", Solder AREA:Sn 50-100u"
	PLASTIC	LCP(G.F30%) BLACK.	-----
P/N	PART NAME	MATERIALS	FINISH



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TOLERANCE: X.X ± 0.30 X.XX ± 0.25 X.XXX ± 0.15 X' $\pm 2'$ X.X' $\pm 0.5'$	DRAWN BY : Miles	DATE : 2025-11-17	PART NAME: USB TYPE C 公头24P 拉伸壳 夹板式带K脚 L=11.5mm	
	CHECKED BY: Miles	DATE : 2025-11-17	PART NO.	HYCW649-USBC24-115B
 UNIT: mm [inch] SCALE:1:1 SIZE: A4	APPROVED BY:	DATE : 2025-11-17	DRAW NO:	HYC-2512301457
	G. Q. L.		SHEET NO.	1 OF 2