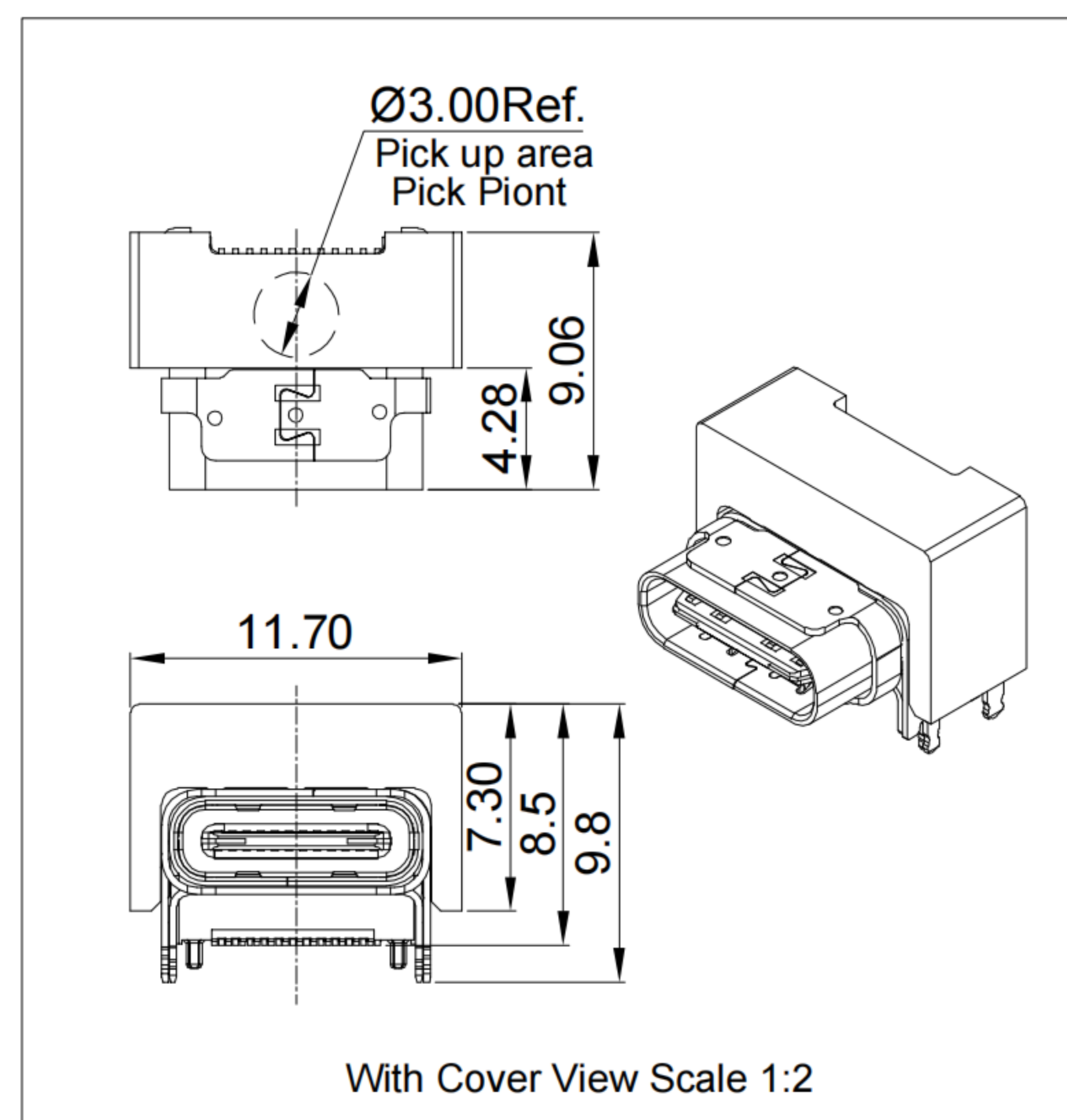
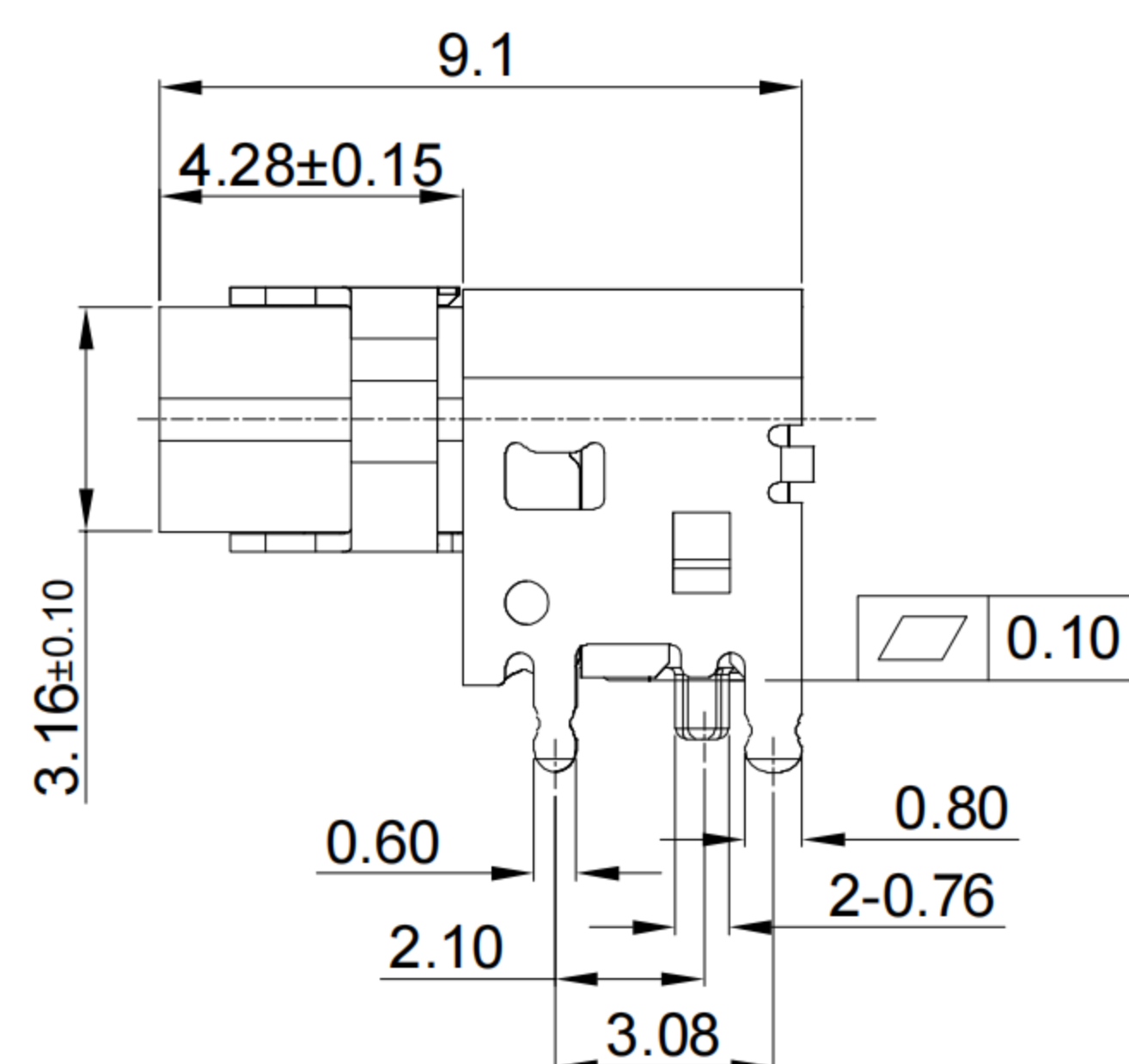
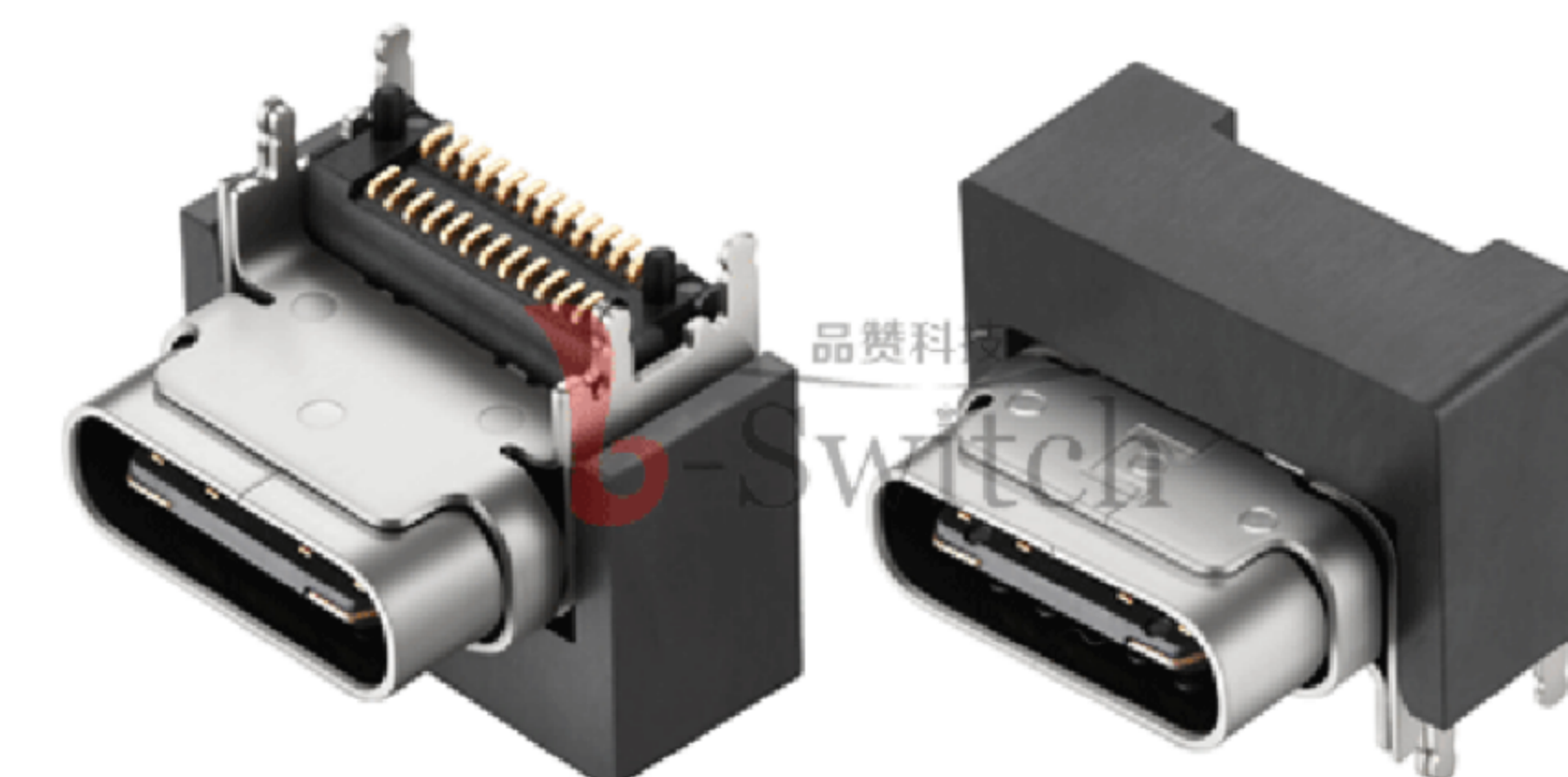
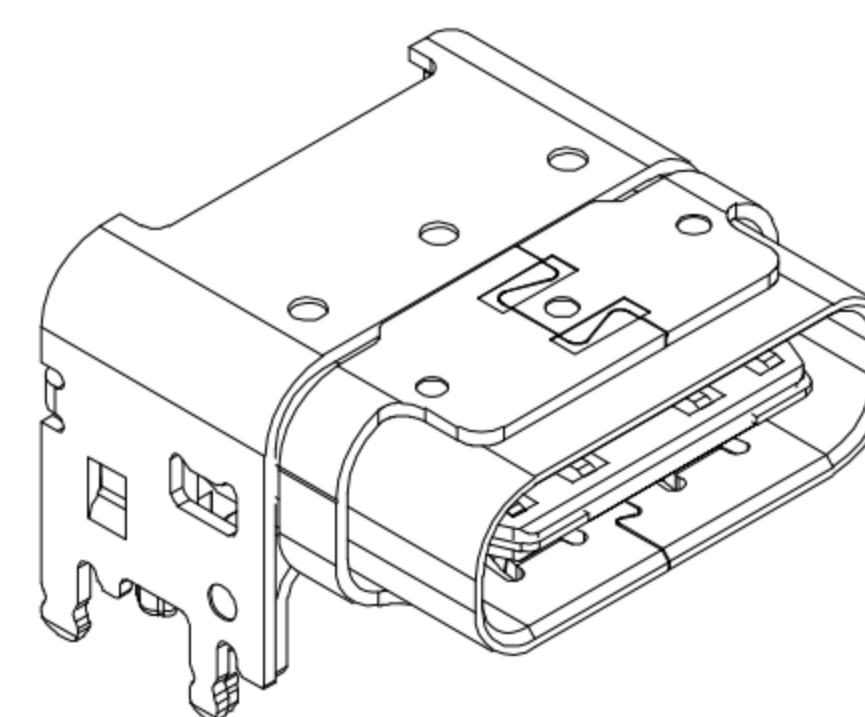
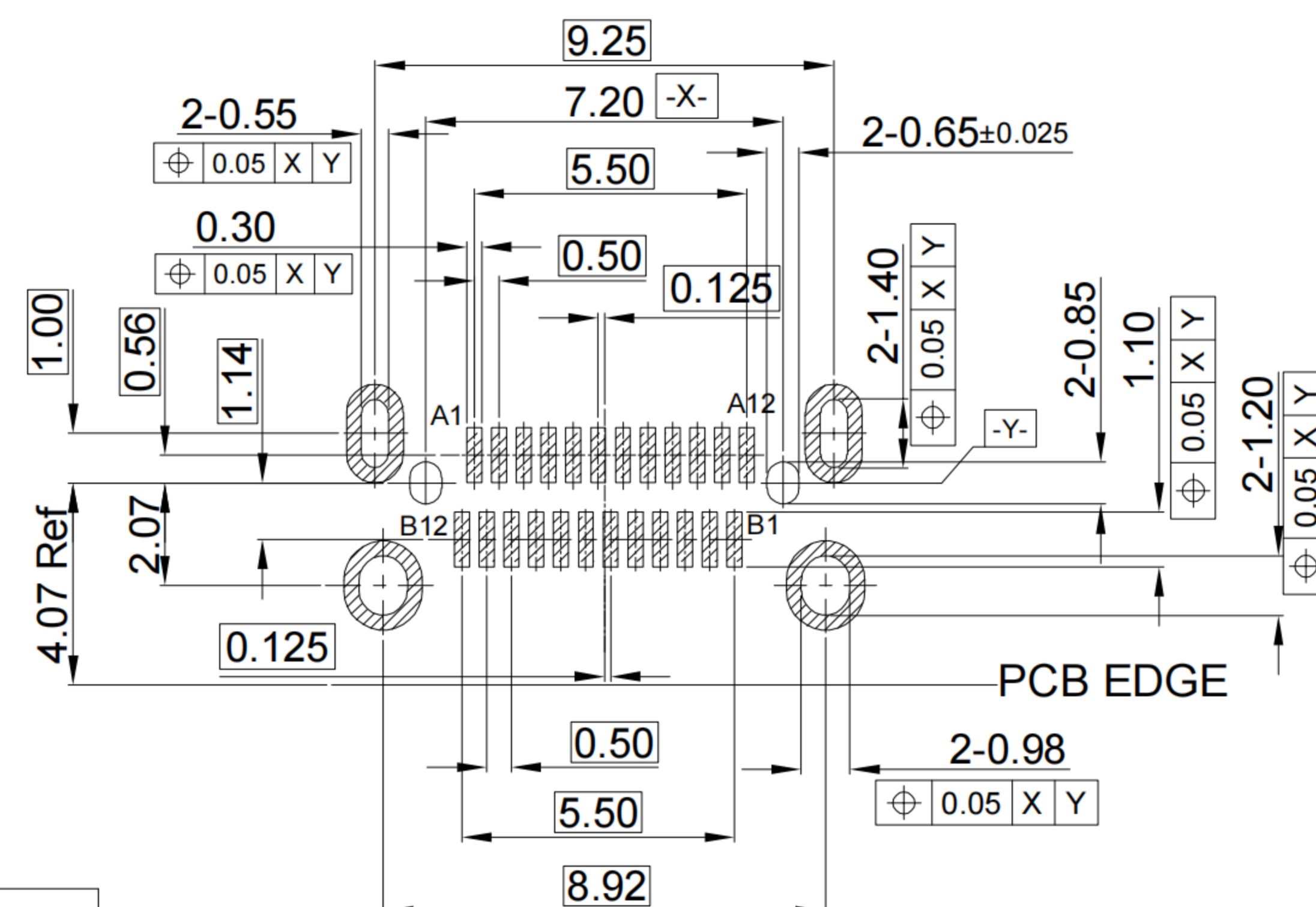
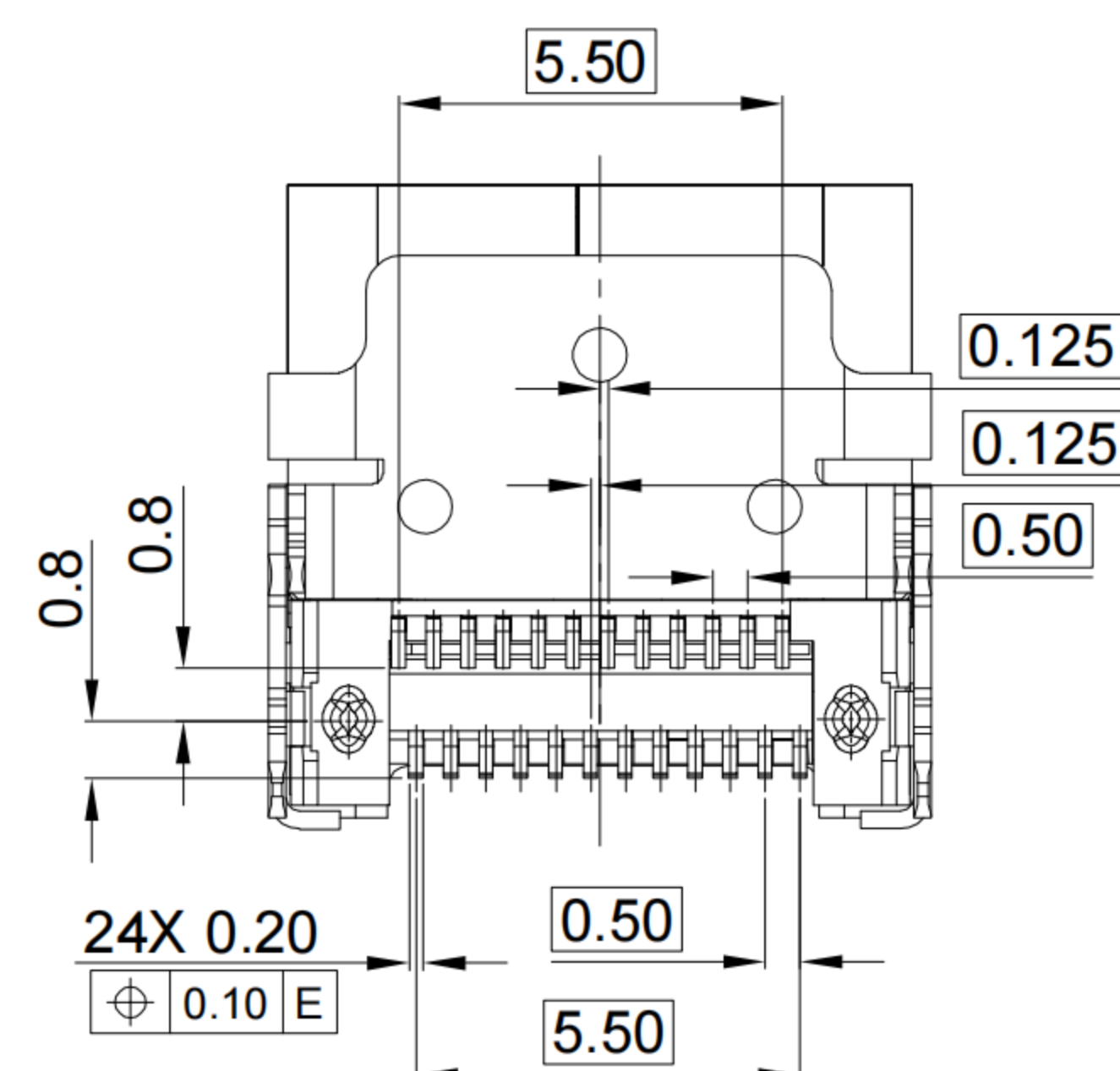




G-Switch USB-C Specification:

1. Current rated: 5A on vbus/1.25A on vconn/0.25A on other
Voltage rating: 24V AC
2. Withstanding voltage: 100V AC/minute
3. Contact resistance: 40mΩ Max
4. Insulation resistance: 100MΩ Min
5. Operating temperature: -40°C ~ +85°C
6. Mating force: 5N~20N
7. Unmating force: 8N~20N
8. Durability cycle: 10,000 cycles
9. Data transmission rate up to 5Gbp/s



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

1	COVER	HIGH TEMPERATURE PLASTIC	LCP BLACK UL 94 V-0
2	OUTER SHELL	STAINLESS STEEL(SUS304)	Ni PLATED
3	UNDER SHELL	STAINLESS STEEL(SUS304)	Ni PLATED
4	INNER SHELL	STAINLESS STEEL(SUS304)	Ni PLATED
5	MID PLATE	STAINLESS STEEL(SUS301)	Ni PLATED
6	HOUSING	HIGH TEMPERATURE PLASTIC	LCP BLACK UL 94 V-0
7	TERMINALS	COPPER ALLOY	Au PLATING ON CONTACT AREA
NO.	PARTS	MATERIAL	REMARKS

RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05



SCALE: 1:1	UNIT: mm
SIZE: A4	

Unless otherwise	
General Tolerance:	
X.	±0.25
X.x	±0.20
X.xx	±0.15
X.xxx	±0.10
X°	±5°

Title: Horizontal Type-c 24P Female
Pad up SMT CH=3.68 L=9.1mm

Molde Code: GT-USB-7091A

DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2023.02.0



REV: A0	SHEET: 1/1
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