

A

B

品赞电子(东莞)有限公司

D

E

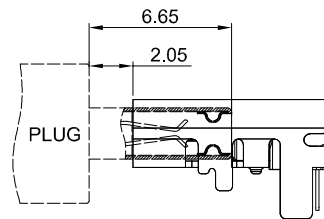
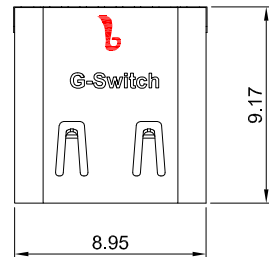
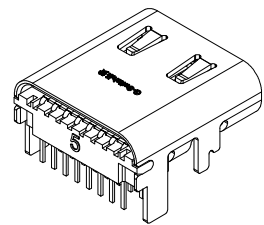
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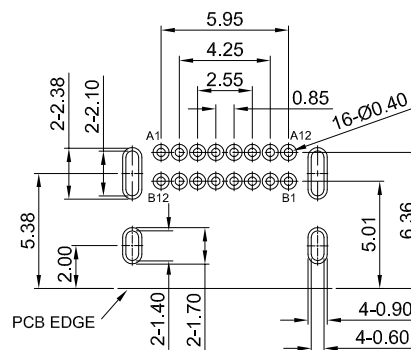
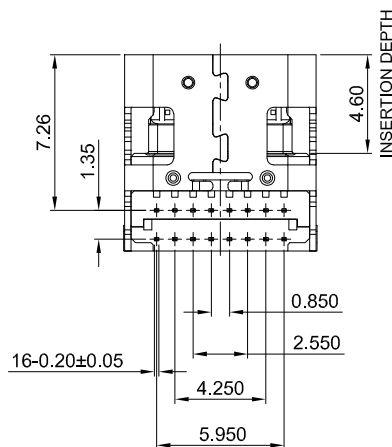
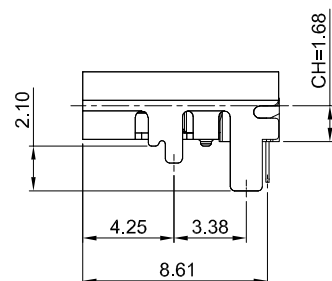
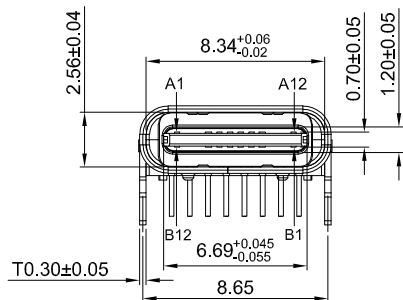
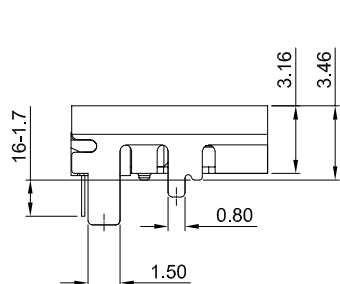
AFTER MATING



**G-Switch USB-C Specification:**

1. Current rated: 5A on vbus/1.25A on vconn/0.25A on other
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, after durability test: 6N~20N
8. Durability cycle: 10,000 cycles
9. Compliant with: IEC62680-1-3

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



PCB REFERENCE DIAGRAM  
TOLERANCE:±0.05

1	SHELL	STAINLESS STEEL201	Ni30u" MIN PLATED
2	EMI PLATE	STAINLESS STEEL201	Ni30u" MIN PLATED
3	MID PLATE	STAINLESS STEEL201	--
4	HOUSING	HIGH TEMPERATURE PLASTIC	LCP BLACK UL 94 V-0
5	TERMINALS	COPPER ALLOY C2680	Tin30u"MIN PLATING ON SOLDER AREA
NO.	PARTS	MATERIAL	REMARKS



SCALE: 1:1	UNIT: mm
SIZE: A4	
Unless otherwise General Tolerance:	
X.	±0.40
X.x	±0.30
X.xx	±0.20
X.xxx	±0.10
X"	±5°

Title: Horizontal Type-c 16P Female DIP CH=1.68 L=9.17mm			
Molde Code: GT-USB-9107B			
DRAWN	CHECKED	APPROVED	DATE
Xla	Chen	Chen	2024.03.10



REV: A0	SHEET: 1/1
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