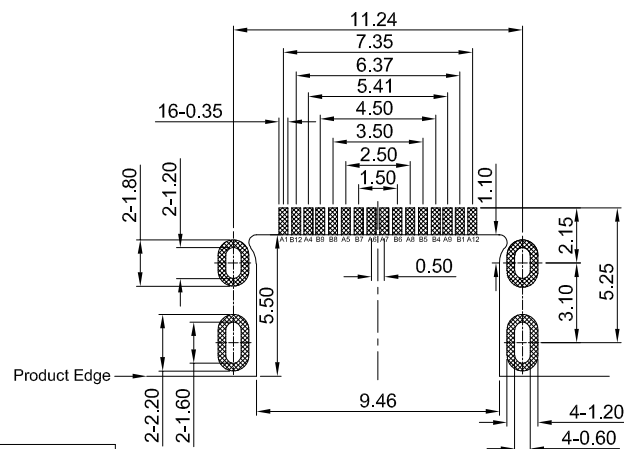
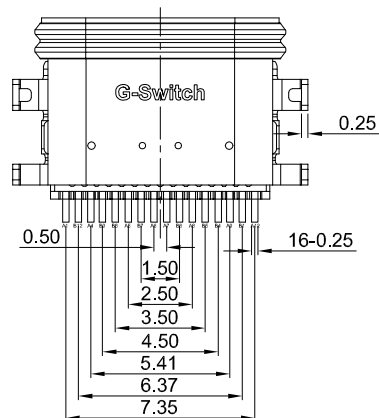
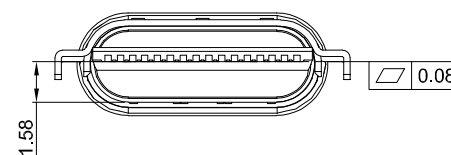
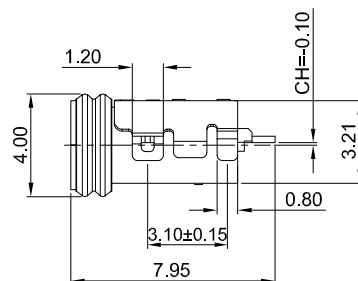
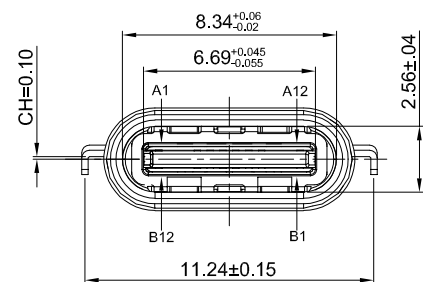
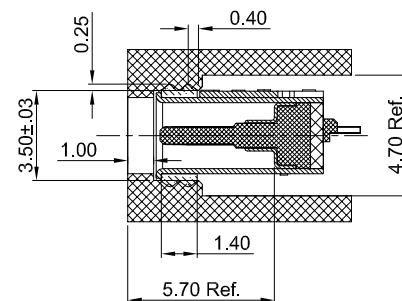
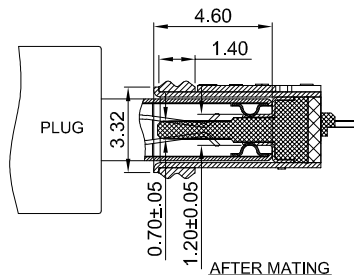
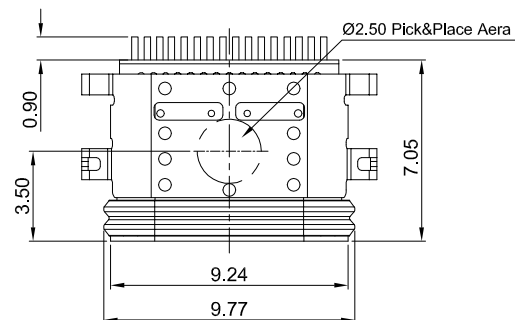


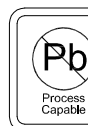
G-Switch USB-C Specification:

1. Current rated: 8A 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, after durability test: 6N~20N
8. Durability cycle: 10,000 cycles
9. Waterproof grade: IP-X5

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

1	COVER SHELL	STAINLESS STEEL	Ni PLATED
2	SHELL	STAINLESS STEEL	Ni PLATED
3	EMC PLATE	STAINLESS STEEL	--
4	MID PLATE	STAINLESS STEEL	Ni PLATED
5	HOUSING	PA9T	BLACK UL 94V-0
6	TERMINALS	COPPER ALLOY	Au1u" PLATED ON CONTACT AREA G/F PLATED ON SOLDER AREA
7	RUBBER	SILICA GEL	BLACK
8	SEALING	SILICON DIOXIDE	BLACK
NO.	PARTS	MATERIAL	REMARKS

PCB REFERENCE DIAGRAM
TOLERANCE:±0.05



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.xxxx	±0.05

Title: Horizontal Type-C 16P Female
SMT Mid-Mount 1.58 CH=-0.1 L=7.05mm

Molde Code: GT-USB-7202D-01

DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2025.02.08

 品赞科技
b-Switch
www.dg-switch.com

REV: A0	SHEET: 1/1
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