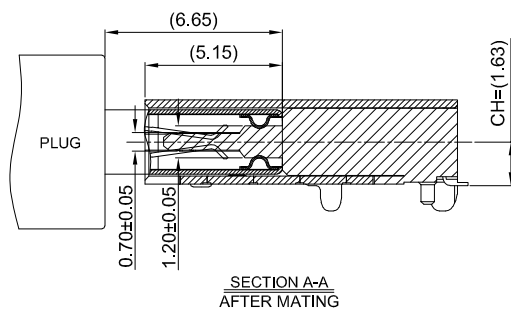
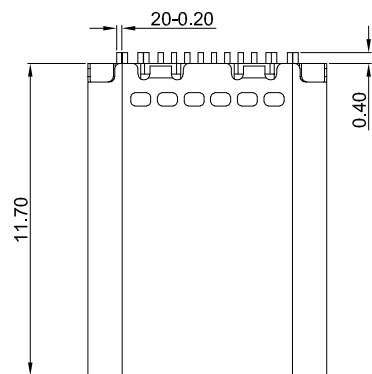
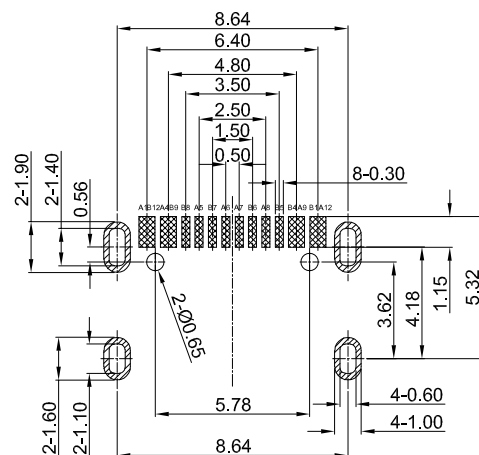
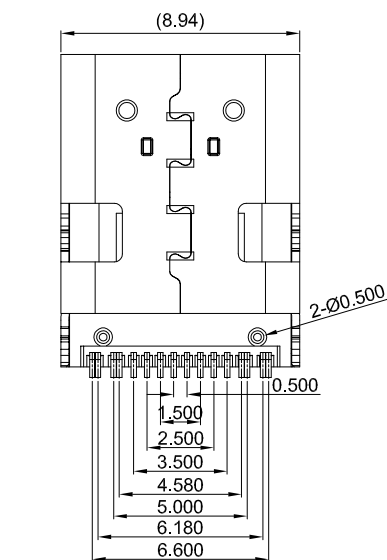


G-Switch USB-C Specification:

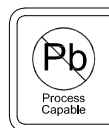
1. Current rated: 5A on vbus/1.25A on vconn/0.25A on other
2. Voltage rating: 20V AC/DC
3. Withstanding voltage: 100V AC/minute
4. Contact resistance: 40mΩ Max
5. Insulation resistance: 100MΩ Min
6. Operating temperature: -40°C ~ +85°C
7. Mating force: 5N~20N
8. Unmating force: 8N~20N, after durability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



PCB REFERENCE DIAGRAM
TOLERANCE:±0.05

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	SHELL	STAINLESS STEEL 304	NI PLATED
2	MID PLATE	STAINLESS STEEL 304	CLEANOUT
3	HOUSING	HIGH TEMPERATURE PLASTIC	LCP BLACK UL 94V-0
4	TERMINALS	COPPER ALLOY C7025	Au1u" PLATED ON CONTACT AREA G/F PLATED ON SOLDER AREA
NO.	PARTS	MATERIAL	REMARKS



RoHS
Compliant
EU RoHS Standards



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 CH=1.63 L=11.70mm
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Molde Code: GT-USB-7004C

DRAWN	CHECKED	APPROVED	DATE
Wu	Xia	Chen	2025.05.29

品贊科技
b-Switch
www.dg-switch.com

REV: A0	SHEET: 1/1
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