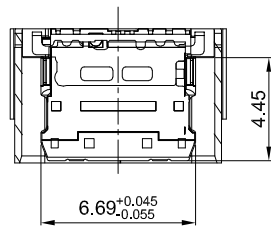
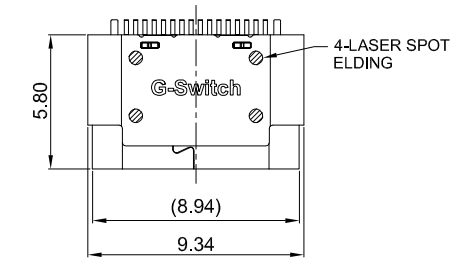
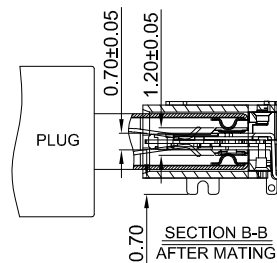
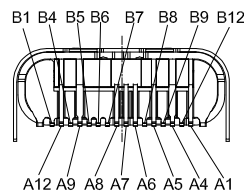
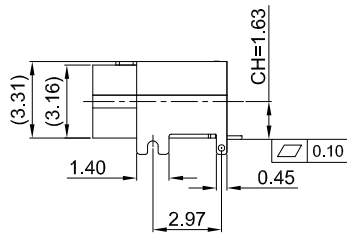
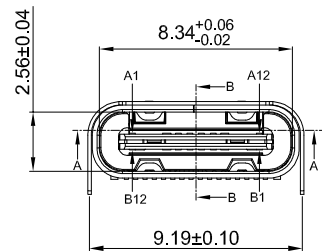
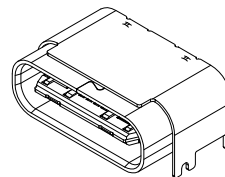


- G-Switch USB-C Specification:**
1. Current rated: 5A on Vbus/1.25A on Vconn/0.25A on other
  2. Withstanding voltage: 24V AC
  3. Contact Resistance: 40mΩ Max
  4. Insulation Resistance: 100MΩ Min
  5. Operating temperature: -40 °C ~ +85 °C
  6. Mating force: 5N~20N
  7. Unmating force: 8N~20N
  8. Durability Cycle: 10,000 Cycles

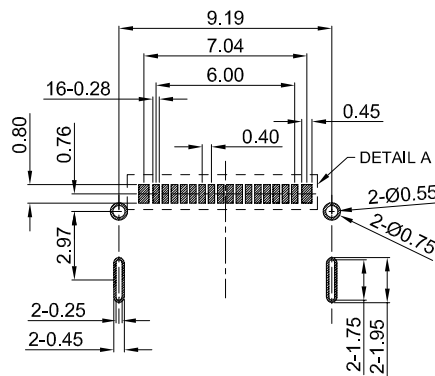
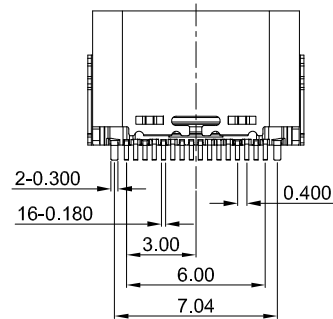
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND			VBUS	CC1	D+	D-	SBU1	VBUS			GND
First			First	Second	Second	Second	Second	First			First
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
GND			VBUS	SBU2	D-	D+	CC2	VBUS			GND
First			First	Second	Second	Second	Second	First			First



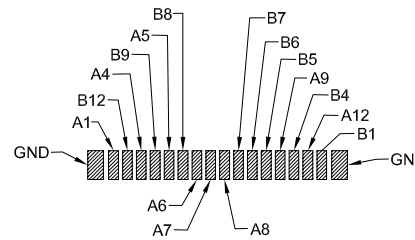
SECTION A-A



SECTION B-B AFTER MATING



PCB REFERENCE DIAGRAM  
TOLERANCE: ±0.05



DETAIL A

1	COVER SHELL	STAINLESS STEEL	NI PLATED
2	SHELL	STAINLESS STEEL	NI PLATED
3	GND PLATE	STAINLESS STEEL	--
4	MID PLATE	STAINLESS STEEL	NI PLATED
5	HOUSING	HIGH TEMPERATURE PLASTIC	BLACK UL 94 V-0
6	TERMINALS	COPPER ALLOY	Au PLATED ON CONTACT AREA G/F PLATED 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 SMT CH=1.63 L=5.8mm			
Molde Code: GT-USB-7025A			
DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2020.01.05



REV: A0 SHEET: 1/1