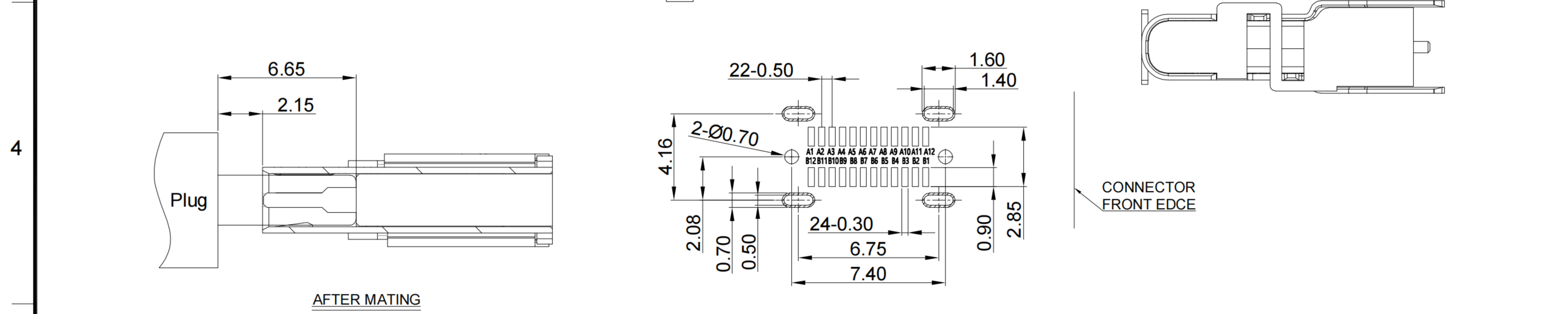


- G-Switch USB-C Specification:**
- Current rated: 5A on Vbus/1.25A on Vconn/0.25A on other  
Voltage rating: 24V AC
  - Withstanding voltage: 100V AC/minute
  - Contact Resistance: 40mΩ Max
  - Insulation Resistance: 100MΩ Min
  - Operating temperature: -40 °C ~ +85 °C
  - Mating force: 5N~20N
  - Unmating force: 8N~20N
  - Durability Cycle: 10,000 Cycles
  - Data transmission rate up to 5Gbps



A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	SSTXp1	SSTXn1	VBUS	CC1	Dp1	Dn1	SBU1	VBUS	SSRXn2	SSRXp2	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	SSRXp1	SSRXn1	VBUS	SBU2	Dn2	Dp2	CC2	VBUS	SSTXn2	SSTXp2	GND
First	Second	Second	First	Second	Second	Second	Second	First	Second	Second	First

1	SHELL	STAINLESS STEEL	Ni PLATED
2	MID PLATE	STAINLESS STEEL	Ni PLATED
3	HOUSING	HIGH TEMPERATURE PLASTIC	BLACK UL 94 V-0
4	TERMINALS	COPPER ALLOY	Au PLATING ON CONTACT AREA
NO.	PARTS	MATERIAL	REMARKS

RECOMMENDED PCB LAYOUT  
TOLERANCE ±0.05mm

Process Capable

RoHS Compliant  
EU RoHS Standards

Compliant  
Halogen Free

SCALE: 3:1	UNIT: mm	Title: Flag Type-c 24P Female SMT CH=8.6 L=13.9mm	
SIZE: A4		Molde Code: GT-USB-7092D	
Unless otherwise General Tolerance:		DRAWN	CHECKED
X.		Xia	Chen
X.x	±0.30	APPROVED	DATE
X.xx	±0.25	Chen	2023.01.31
X.xxx	±0.15		
Angles	±1°		

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REV: A0 SHEET: 1/1