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1	SHELL	STAINLESS STEEL304	Ni30u"MIN PLATED
2	MID PLATE	STAINLESS STEEL301	
3	HOUSING	HIGH TEMPERATURE PLASTIC	LCP BLACK UL 94 V-0
4	TERMINALS	COPPER ALLOY C7025	Au1u"MIN PLATING ON CONTACT AREA G/F PLATING ON SOLDER AREA
NO.	PARTS	MATERIAL	REMARKS

Pb

Process Capable

RoHS

Compliant

EU RoHS Standards

H

Compliant

Halogen Free

SCALE: 1:1	UNIT: mm	Title: Horizontal Type-c 16P Female SMT Mid-Mount1.3 CH=0.28 L=6.5mm			
SIZE: A4		Molde Code: GT-USB-9014G			
Unless otherwise General Tolerance: X.x ±0.30 X.xx ±0.20 X.xxx ±0.10 X.x° ±3° X.xx° ±2°		DRAWN	CHECKED	APPROVED	DATE
		Xia	Chen	Chen	2023.02.01

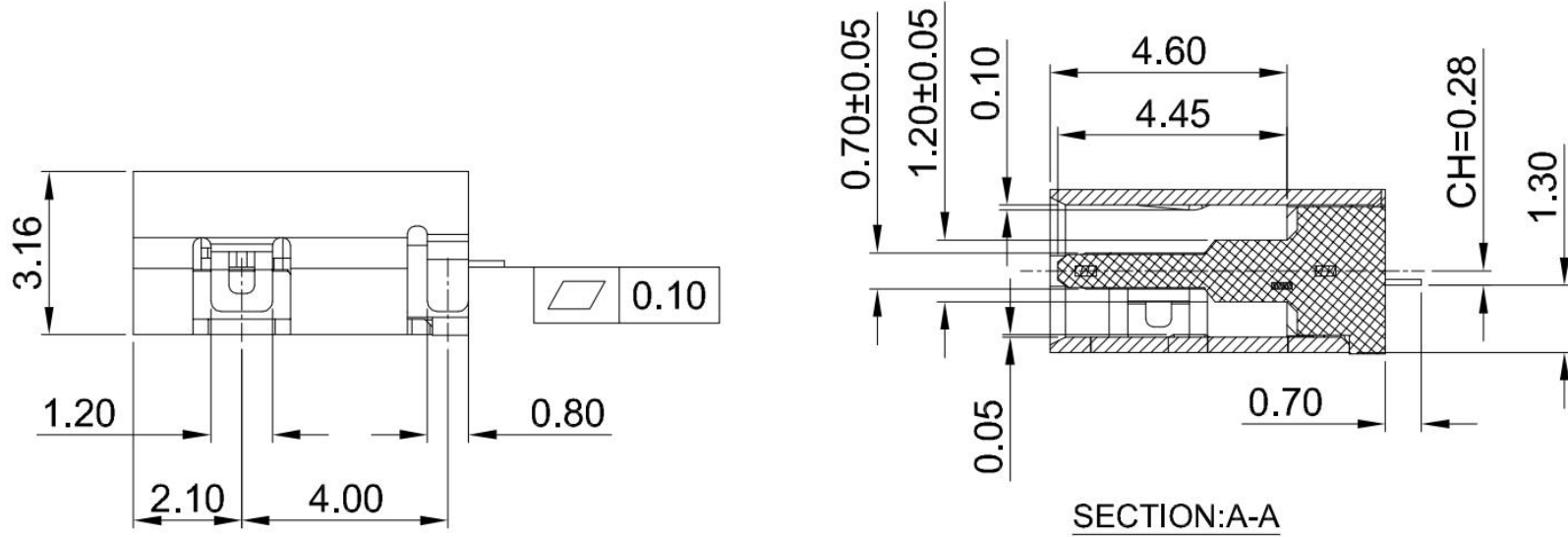
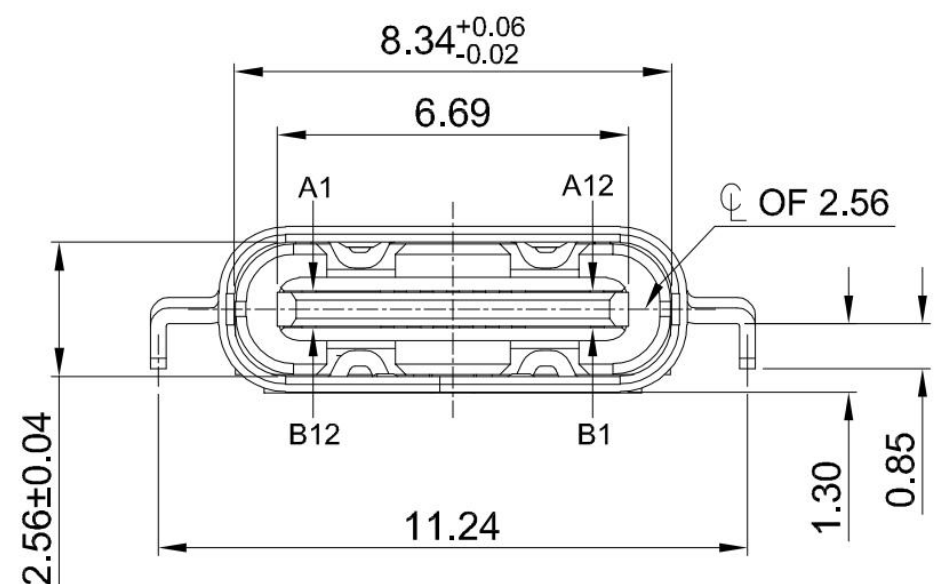
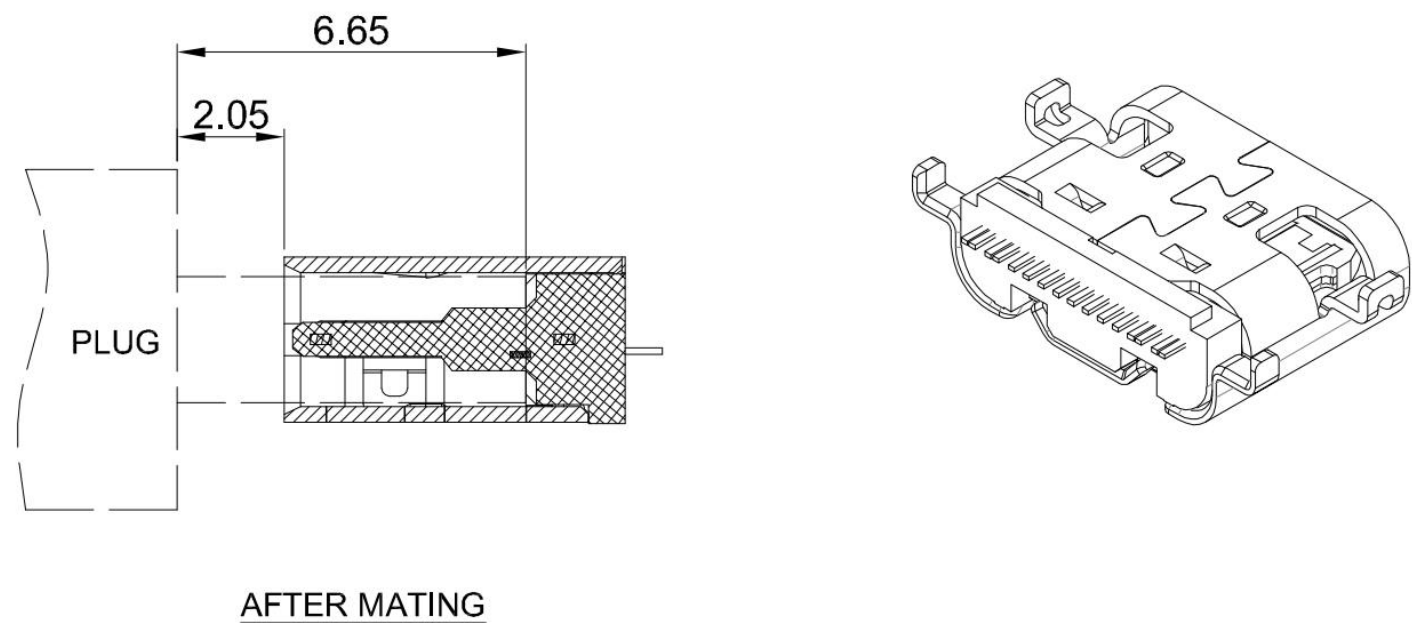
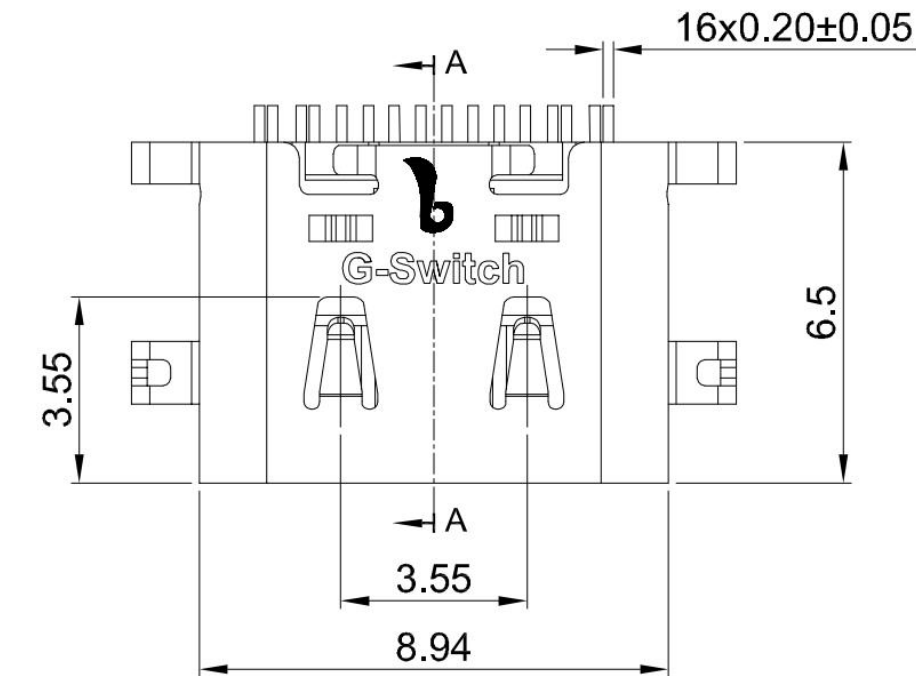
品赞科技®

b-Switch

www.dg-switch.com

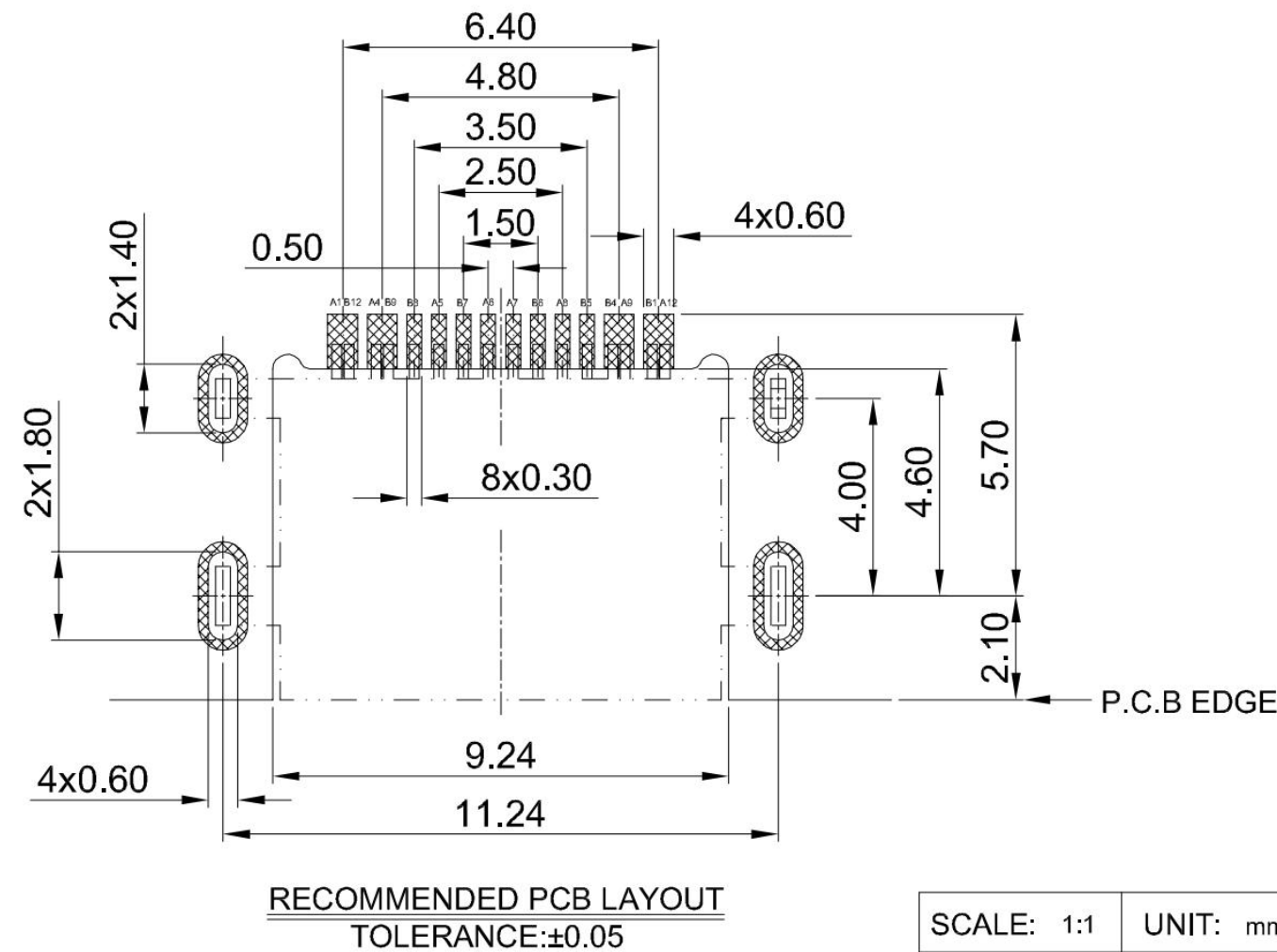
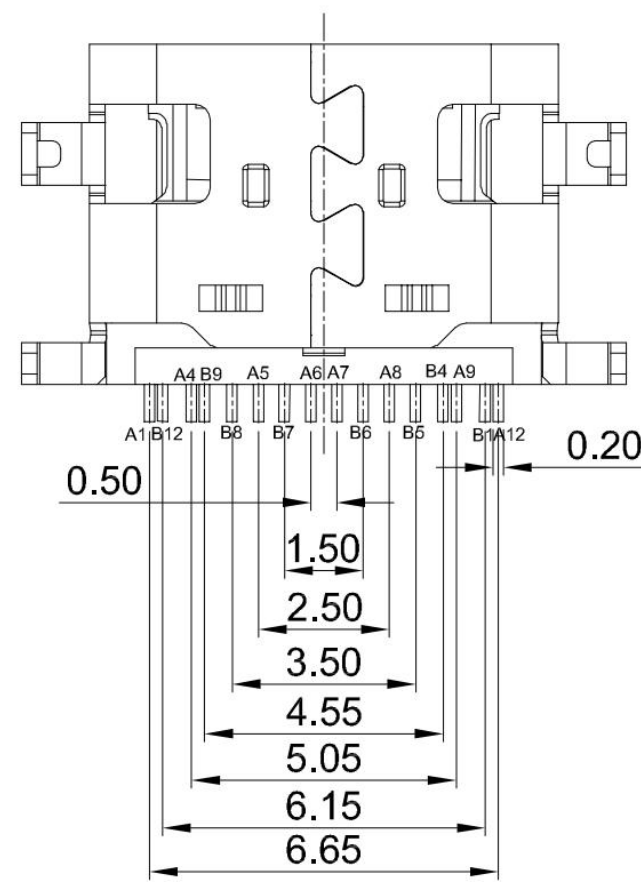
REV: A0

SHEET: 1/1



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
- 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