

A

B

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E

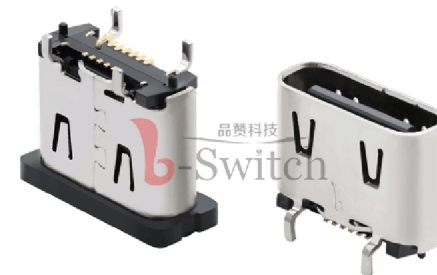
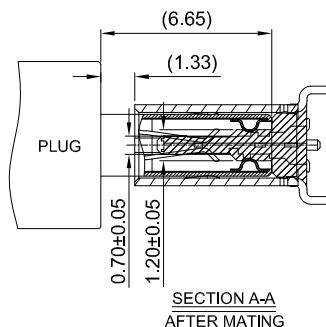
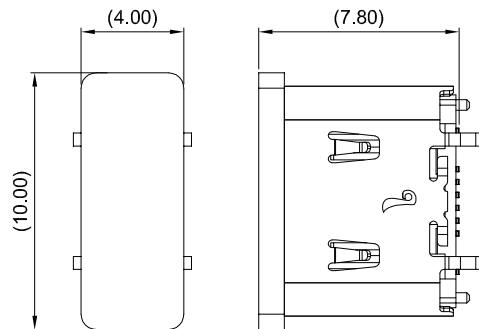
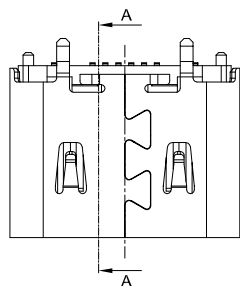
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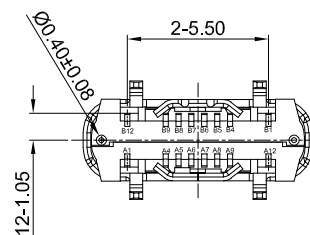
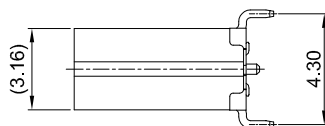
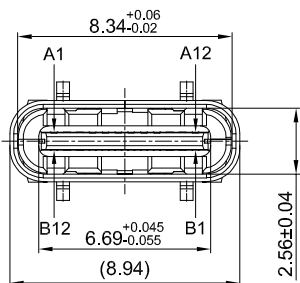
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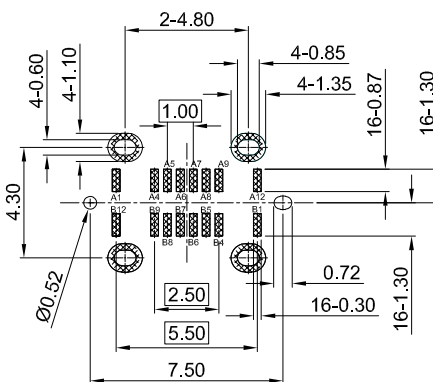
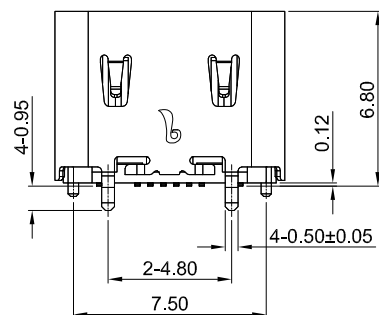
WITH CAP

**G-Switch USB-C Specification:**

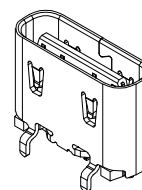
- 1.Current rated: 5A on vbus/1.25A on vconn/0.25A on other
- 2.Withstanding voltage: 20V AC/DC
- 3.Contact resistance: 40mΩ Max
- 4.Insulation resistance: 100MΩ Min
- 5.Operating temperature: -40°C ~ +85°C
- 6.Mating force: 5N~20N
- 7.Unmating force: 8N~20N
- 8.Durability cycle:10,000 cycles

USB IF TID:12014

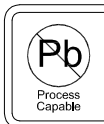
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND			VBUS	CC1	D+	D-	SBU1	VBUS			GND
First			First	Second	Second	Second	Second	First			First
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
GND			VBUS	SBU2	D-	D+	CC2	VBUS			GND
First			First	Second	Second	Second	Second	First			First

PCB REFERENCE DIAGRAM
TOLERANCE:±0.05

Molde Code	Specification Description
GT-USB-9055CA	Au1u" Plating On Contact Area
GT-USB-9055CA-03	Au3u" Plating On Contact Area
GT-USB-9055CA-15	Au15u" Plating On Contact Area
GT-USB-9055CA-30	Au30u" Plating On Contact Area



NO.	PARTS	MATERIAL	REMARKS
1	SHELL	STAINLESS STEEL304	Ni30μ"MIN PLATED
2	MID PLATE	STAINLESS STEEL301	-
3	HOUSING	LCP	BLACK UL 94 V-0
4	TERMINALS	COPPER ALLOY C1815	Au PLATED ON CONTACT AREA G/F PLATED ON SOLDER AREA

RoHS
Compliant
EU RoHS Standards

SCALE: 1:1	UNIT: mm	Title: Vertical Type-C 16P Female SMT H=6.8mm			
SIZE: A4		Molde Code: GT-USB-9055CA			
Unless otherwise General Tolerance: X. ±0.40 X.x ±0.30 X.xx ±0.20 X.xxx ±0.10 X" ±5°		DRAWN	CHECKED	APPROVED	DATE
		Xla	Chen	Chen	2026,01,08

品赞科技
www.dg-switch.com

REV: A0 SHEET: 1/1