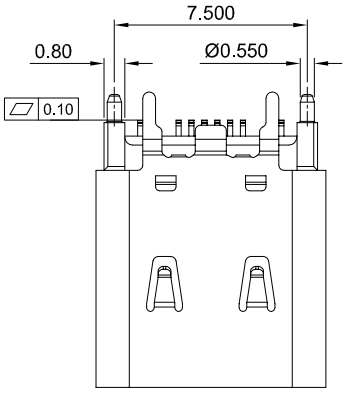
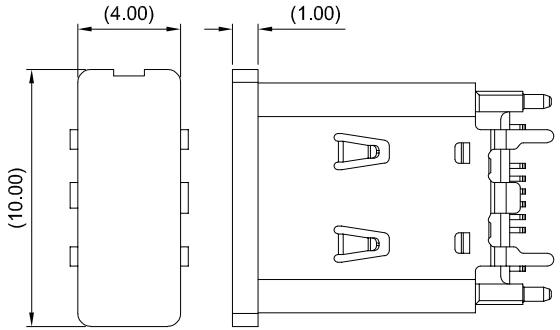
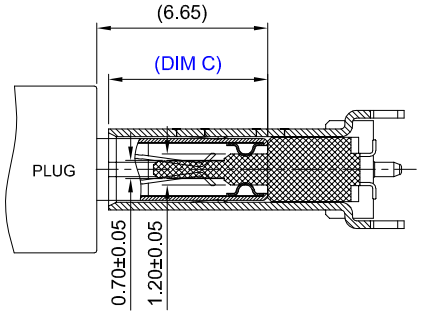
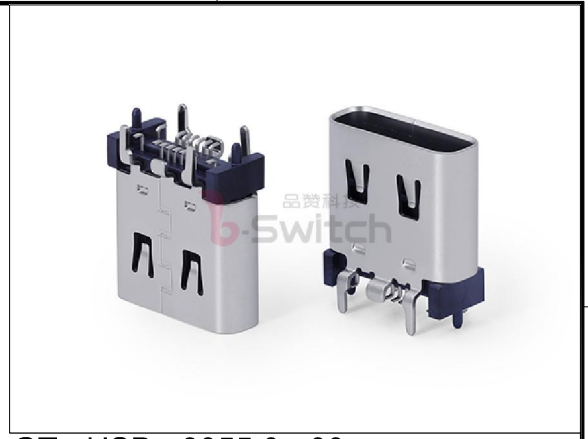






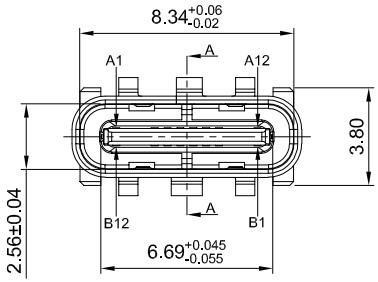
SECTION A-A
AFTER MATING

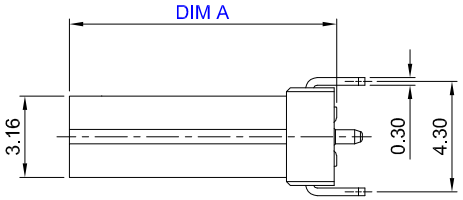


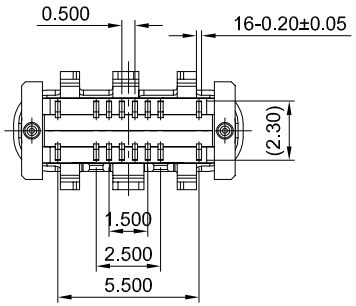
GT - USB - 9055 0 - 00

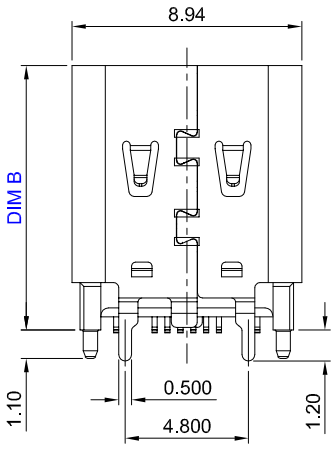
Serial Code
9055J=Dim A 7.45
9055k=Dim A 8.40
9055M=Dim A 9.30
9055N=Dim A 10.00
9055P=Dim A 10.40

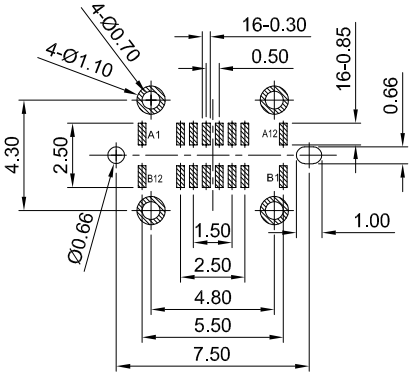
Contact Area
00=G/F
01=Au1μ"
03=Au3μ"
05=Au5μ"
15=Au15μ"
30=Au30μ"



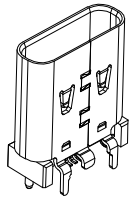








PCB REFERENCE DIAGRAM
TOLERANCE:±0.05



Ordering Information:

Serial Code	Dimensions(mm)		
	A	B	C
GT-USB-9055J-00	7.45	7.40	5.92
GT-USB-9055K-00	8.80	8.70	4.60
GT-USB-9055M-00	9.30	9.20	5.10
GT-USB-9055N-00	10.00	9.90	5.80
GT-USB-9055P-00	10.40	10.30	6.20

G-Switch USB-C Specification:

1.Current rated: 5A on vbus/1.25A
on vconn/0.25A on other
Voltage rating: 20V AC/DC
2.Withstanding voltage: 100V AC/minute
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
9.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

NO.	PARTS	MATERIAL	REMARKS
1	SHELL	STAINLESS STEEL304	Ni30u" PLATED
2	MID PLATE	STAINLESS STEEL301	–
3	HOUSING	LCP	BLACK UL 94 V-0
4	TERMINALS	COPPER ALLOY C18400	Au PLATED ON CONTACT AREA Tln PLATED ON SOLDER AREA

Pb Process Capable
RoHS Compliant EU RoHS Standards
HALOGEN Compliant Halogen Free

SCALE: 1:1	UNIT: mm	Title:	Vertical Type-C 16P Female SMT H=7.45/8.80/9.30/10.00/10.40mm
SIZE: A4		Molde Code:	GT-USB-90550-00

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
Wu	Xia	Chen	2025.07.15

品赞科技 b-Switch ®
www.dg-switch.com

REV: A0 SHEET: 1/1

品赞电子（东莞）有限公司