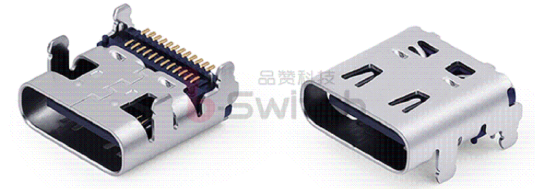


SECTION A-A
AFTER MATING

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	TX1+	TX1-	VBUS	CC1	D+	D-	SBU1	VBUS	RX2-	RX2+	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	RX1+	RX1-	VBUS	SBU2	D-	D+	CC2	VBUS	TX2-	TX2+	GND
First	Second	Second	First	Second	Second	Second	Second	First	Second	Second	First



GT - USB - 9116 000 - 00

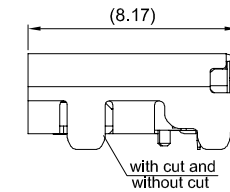
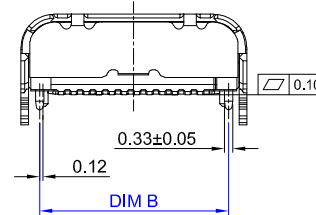
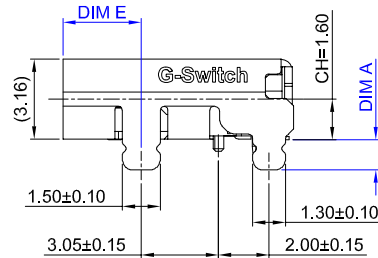
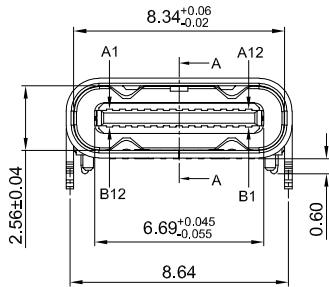
Serial Code

Contact Area
 01=Au1u"
 03=Au3u"
 05=Au5u"
 15=Au15u"
 30=Au30u"

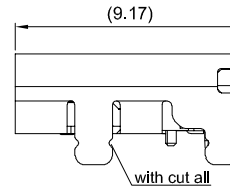
USB IF TID:16013

G-Switch USB-C Specification:

- Current rated: 10A on vbus/1.25A on vconn/0.25A on other
- Voltage rating: 48V 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, after durability test: 6N~20N
- Durability cycle: 10,000 cycles
- Data transmission rate up to 40Gbps
- Compliant with: IEC62680-1-3



NOTE: L=8.17
 DIM A: 1.2, 1.4, 1.6 with cut
 DIM A: 0.6, 0.9 without cut



Ordering Information:

Serial Code	Dimensions(mm)						Serial Code	Dimensions(mm)					
	A	B	C	D	E	L		A	B	C	D	E	L
A01	0.60	7.47 with steel welded feet	2.00	4.65	2.30	8.17	B01	0.60	7.47 with steel welded feet	1.20	5.45	3.10	9.10
A02	0.90						B02	0.90					
A03	1.20						B03	1.20					
A04	1.40						B04	1.60					
A05	1.60						B05	0.60					
A06	0.60	B06					0.90	without steel welded feet					
A07	0.90	B07					1.20						
A08	1.20	B08					1.60						
A09	1.60												

PCB REFERENCE DIAGRAM
TOLERANCE:±0.05

NO.	PARTS	MATERIAL	REMARKS
1	SHELL	STAINLESS STEEL 304	Ni30u"MIN PLATED
2	MID PLATE	STAINLESS STEEL 301	-
3	HOUSING	PA9T	BLACK UL 94V-0
4	TERMINALS	COPPER ALLOY C18140	Au PLATED ON CONTACT AREA G/F PLATED ON SOLDER AREA



RoHS
Compliant
EU RoHS Standards



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 24P Female
SMT CH=1.60 L=8.17/9.17mm

Molde Code: GT-USB-9116000-00

DRAWN	CHECKED	APPROVED	DATE
Wu	Xia	Chen	2025.02.06

品赞科技
b-Switch
www.dg-switch.com

REV: A0 SHEET: 1/1