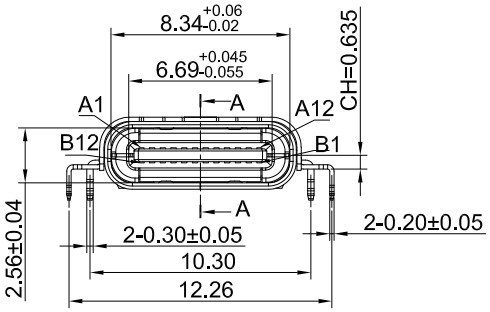
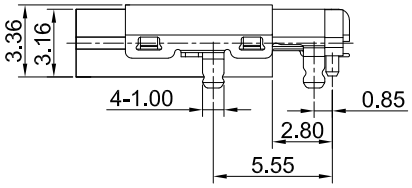
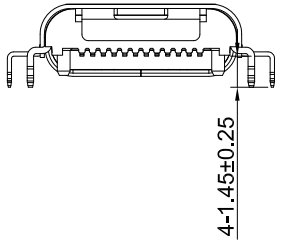
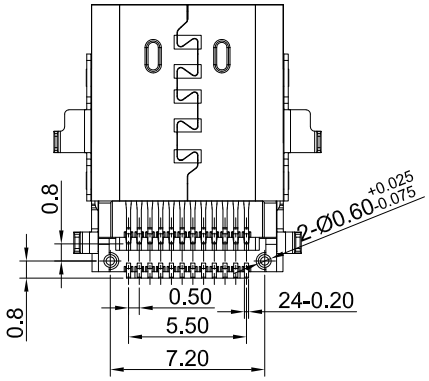
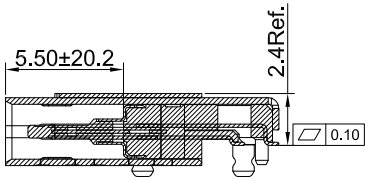




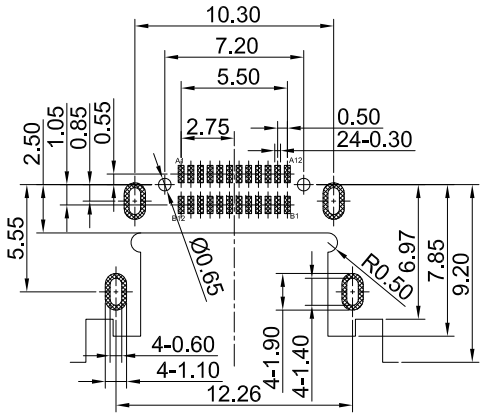




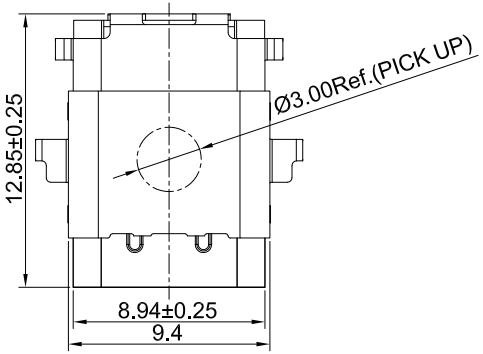




SECTION A-A



RECOMMENDED P.C.B LAYOUT (TOP VIEW)



G-Switch USB-C Specification:

1. CURRENT RATING: 5A
2. VOLTAGE: 20V
3. TEMPERATURE RANGE: -55 °C ~ 85 °C
4. CONTACT RESISTANCE: 40 MEGOHMS MAX
5. INSULATION RESISTANCE: 100 MEGOHMS MIN
6. LNSERTION FORCE : 5N~20N
7. UNMATING FORCE: 8N~20N
8. DURABILITY: 10,000 CYCLES

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	TX1+	TX1-	VBUS	CC1	D+	D-	SBU1	VBUS	RX2-	RX2+	GND
GND	RX1+	RX1-	VBUS	SBU2	D-	D+	CC2	VBUS	TX2-	TX2+	GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

NO.	PARTS	MATERIAL
3	SHELL	STAINLESS STEEL
2	CONTACT	COPPER ALLOY
1	INSULATOR	HIGH TEMPERATURE PLASTIC UL 94 V-0

Pb Process Capable — RoHS Compliant 2002/95/EC

HALOGEN Compliant Halogen Free

品赞科技 G-Switch ®

G-Switch Electronic (HongKong) CO.,Ltd.

Unless otherwise specified, Tolerance:

X.	±0.30
X.x	±0.20
X.xx	±0.15
X.xxx	±0.10
Angles	±3°

DESIGN Yu Chen	DATE 2022.07.07	Molde code: GT-USB-7068B	
CHECKED	DATE		
APPROVED	DATE		
http://www.dg-switch.com	REV.: X1	SCALE: 4:1	UNIT: mm
TEL:0769-82388879	SIZE: A4	SHEET: 1/1	

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

G-Switch:

GT-F1007SR20-07S0101 GT-F1010SR20-30SMT01 GT-TC018A-H035-L1 GT-TC079A-H0040-L1 GT-TC102A-H095-L1 GT-TC108A-H034-L1 GT-A2501WVS-108SBT01 GT-F0512SR18-04S0101 PS-5824DVA-4PN PS-5824SVA-6PN PS-8055SVA-6PNA GT-F0509SR15-20SMT01 GT-TC129B-H043-L1 PS-7054DVB-6PN GT-A1002WRS-112SBT01 GT-A1257WVS-103SBT01 GT-F1009DV44-25BBT01 GT-TB092B-H043-L1 GT-TC034A-H025-L1NB GT-TC036B-H035-L1 GT-TC084E-H043-L5 GT-TC089A-H075-L1 GT-A2501WVS-103SBT01 GT-F0502SR20-22SMT01 GT-TB092B-H090-L1 GT-TC101B-H070-L1 GT-A1201WRS-106B1101 GT-TC029B-H030-L1A GT-TC102A-H060-L1 GT-TC158D-H0575-L1