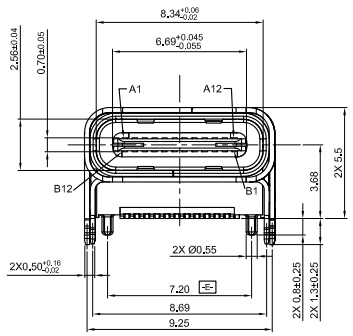
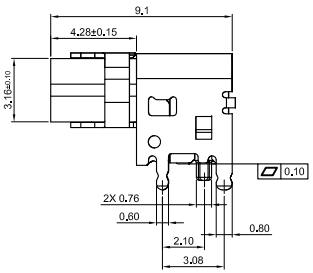
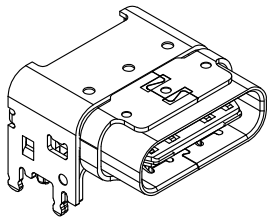
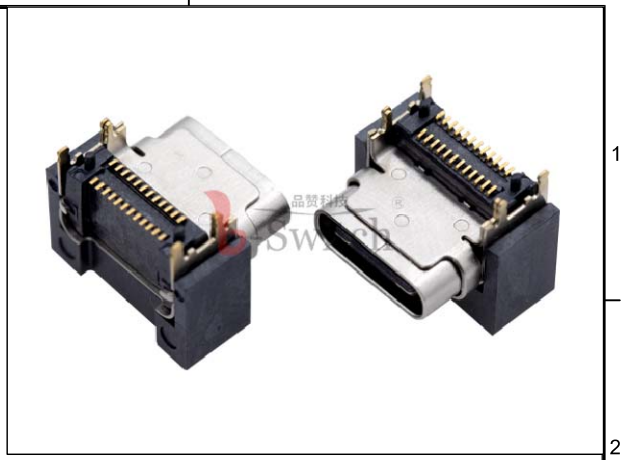
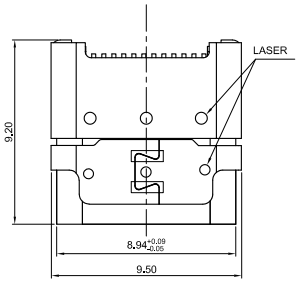
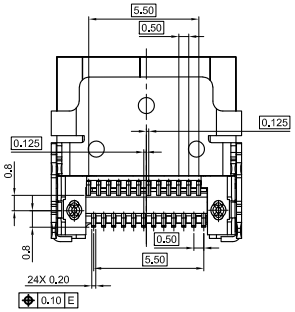


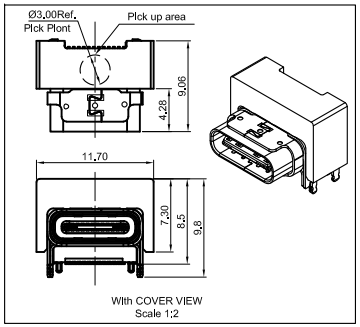


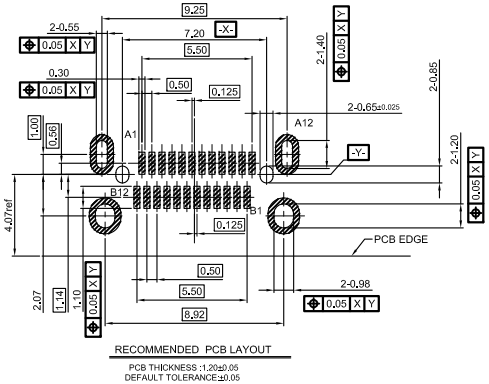


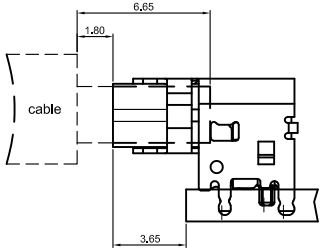












NOTE:
1.ELECTRICAL CHARACTERISTICS;
 1.1 CONTACT RESISTANCE:
  40mΩ Max FOR VBUS ,GNA AND OTHER CONTACTS
  50mΩ CHANGE AFTER ENVIRONMENT TEST
 1.2 CONTACT CURRENT RATING:
  COLLECTIVELY VBUS PIN (A4,A9,B4,B9) ,TOTAL 5A
  VCCON PIN (B5) THROUGH GND PIN(A1,A12,B1,B12),1.25A
 OTHERS PIN, 0.25A
 1.3 DIELECTRIC WITHSTANDING VOLTAGE: 100V AC (R.M.S).
 1.4 INSULATION RESISTANCE 100MΩ Min.
2. MECHANICAL CHARACTERISTICS:
 2.1 MATING FORCE: 5~20 N.
 2.2 UNMATED FORCE: INITIAL 8~20N; 6~20N AFTER
  10000 CYCLES
 2.3 OPERATING TEMPERATURE: -40°C ～ 120°C
 2.4 DURABILITY: 10,000 CYCLES
3.DIMENSIONS ARE IN MILLIMETERS
4.RECOMMENED PROCESS:IR REFLOW 260℃,5 ~ 10 SECONDS.
5.THE CONNECTOR IS ROHS/HALOGEN COMPLIANT.
6. THE PACKAGE IS TAPE & REEL
7. THE PART CONFORMS TO USB TYPE C SPEC UNLESS SPECIFIED

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.	VARIETY	MATERIAL	QT.Y	REMARK
08	COVER	LCP	1	Black, UL94 V-0
07	UNDER SHELL	SUS304	1	T=0.25,Solder area Plating Au 1U"
06	OUTER SHELL	SUS304	1	T=0.25,Solder area Plating Au 1U"
05	INNER SHELL	SUS304	1	T=0.30,Plating nickel
04	MOLDING	LCP	1	Black, UL94 V-0
03	SHIELDING PLATE	SUS301	1	T=0.15 ,Plating nickel
02	BOTTOM CONTACT	Copper alloy	12	T=0.12 ,Au 30u", Plated at contact area,1U" MIN plated at solder area.
01	TOP CONTACT	Copper alloy	12	T=0.12 Au 30u", Platedat at contact area,1U" MIN plated at solder area.

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 LI Qingqi	DATE 2022.04.22	Molde code: GT-USB-7091A	
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-A2501WVS-103SBT01 GT-F0502SR20-22SMT01 GT-TC018A-H035-L1 GT-TC102A-H095-L1
PS-5824SVA-6PN PS-7054DVB-6PN GT-F0512SR18-04S0101 GT-F1009DV44-25BBT01
GT-TC036B-H035-L1 GT-TC089A-H075-L1 PS-5824DVA-4PN GT-A1257WVS-103SBT01
GT-A1201WRS-106B1101 GT-A2501WVS-108SBT01 GT-TC079A-H0040-L1 GT-F1010SR20-30SMT01
GT-TC034A-H025-L1NB GT-TC158D-H0575-L1 GT-TC029B-H030-L1A GT-TC084E-H043-L5
GT-TC101B-H070-L1 GT-F0509SR15-20SMT01 GT-TB092B-H043-L1 GT-TB092B-H090-L1
PS-8055SVA-6PNA GT-A1002WRS-112SBT01 GT-F1007SR20-07S0101 GT-TC102A-H060-L1
GT-TC108A-H034-L1 GT-TC129B-H043-L1