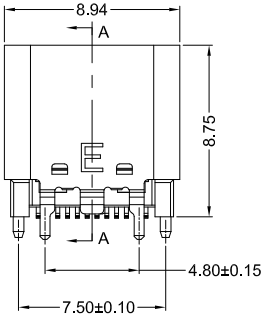
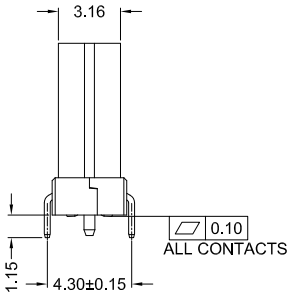
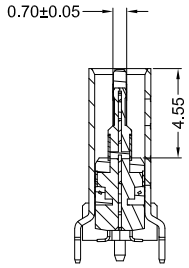


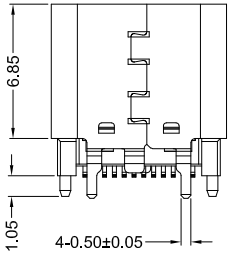
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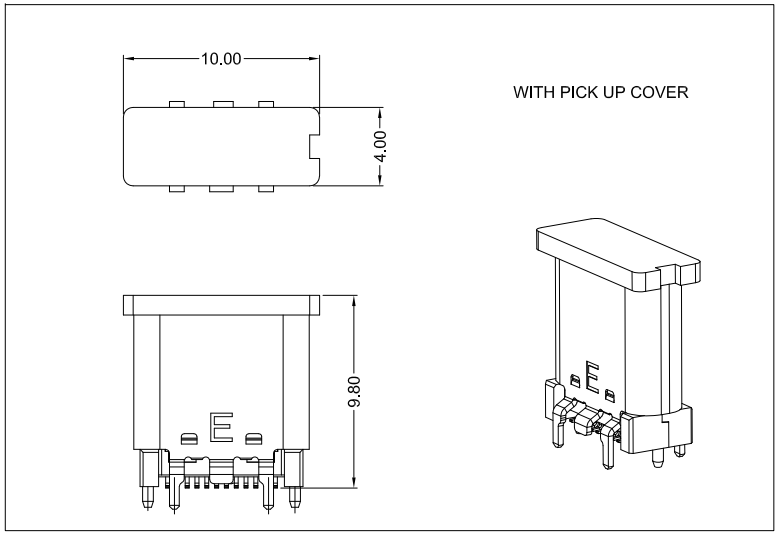




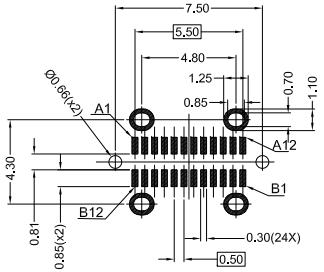


SECTION A-A





WITH PICK UP COVER



RECOMMENDED PCB LAYOUT(TOP VIEW)

THICKNESS 1.5±0.10MM;DEFAULT TOLERANCE:±0.05



NOTE:

1.MECHANICAL PERFORMANCE,
- 1-1.INSERTION FORCE: 5~20N.
- 1-2.REMOVAL FORCE: 8~20N,6~20N AFTER TEST;
- 1-3.DURABILITY: 10000 CYCLES.

2.ELECTRICAL PERFORMANCE,
- 2-1. CURRENT RATING:5.0A
  VOLTAGE RATING:5.0V
- 2-2. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  SHIELD: 50mΩ/MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
- 2-3.INSULATION RESISTANCE: 100MΩ MIN
- 2-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.

3. ENVIRONMENTAL PERFORMANCE:
- OPERATING TEMPERATURE: -45°C~+85°C.

4.IR REFLOW:
- THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.

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

Item	Title	Material	Dispose	Remark
1	Shell	Stainless Steel	Ni:30u" Min.	
2	GND Plate	Stainless Steel	Clear Only	
3	Mid Plate	Stainless Steel	Clear Only	
4	Top Contact	Copper Alloy	Mating Area: See P/N Solder Tails: Matt Tin	
5	Bottom Contact	Copper Alloy		
6	Insulator	High Temperature Plastic	UL 94V-0	Black
7	HOUSING	HIGH TEMPERATURE RESISTANT PLASTIC(LCP),UL94 V-0.		
8	CONTACTS	COPPER ALLOY(C18150)T=0.12mm		
9	MID PLATE	STAINLESS STEEL(SUS301)T=0.15mm		
10	EMI PLATE	STAINLESS STEEL(SUS301)T=0.10mm		
11	SHELL	STAINLESS STEEL(SUS304)T=0.30mm		

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 2022.04.21	Molde code: GT-USB-7019A	
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-TB092B-H090-L1 GT-F1007SR20-07S0101 GT-TC084E-H043-L5 GT-TB092B-H043-L1
GT-TC079A-H0040-L1 PS-5824SVA-6PN PS-8055SVA-6PNA GT-A2501WVS-103SBT01
GT-F0502SR20-22SMT01 GT-F0509SR15-20SMT01 GT-TC102A-H060-L1 PS-7054DVB-6PN
GT-A1002WRS-112SBT01 GT-A1257WVS-103SBT01 GT-F1009DV44-25BBT01 GT-F1010SR20-30SMT01
GT-TC089A-H075-L1 GT-TC101B-H070-L1 GT-TC108A-H034-L1 GT-A2501WVS-108SBT01
GT-F0512SR18-04S0101 GT-TC129B-H043-L1 GT-TC158D-H0575-L1 PS-5824DVA-4PN
GT-A1201WRS-106B1101 GT-TC034A-H025-L1NB GT-TC102A-H095-L1 GT-TC018A-H035-L1
GT-TC029B-H030-L1A GT-TC036B-H035-L1