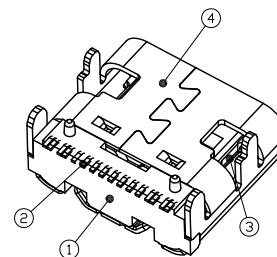
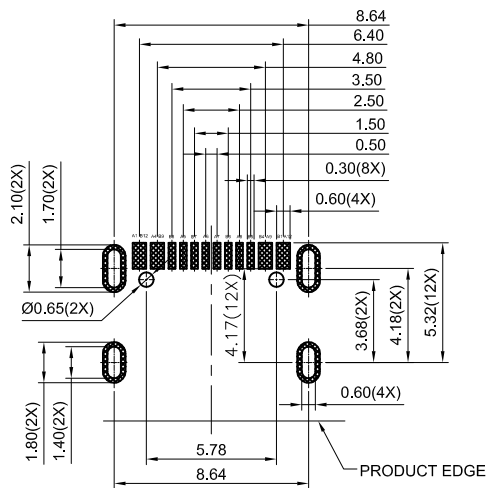


SECTION:A-A

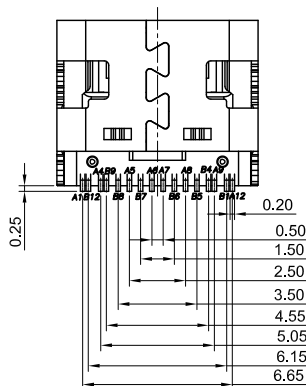


NOTE:

- 1.MECHANICAL PERFORMANCE,
  - 1-1.INSERTION FORCE: 0.5~2.0kgf.
  - 1-2.REMOVAL FORCE: 0.8kgf~2.0kgf.
  - 1-3.DURABILITY: 10000 CYCLES.
- 2.ELECTRICAL PERFORMANCE,
  - 2-1. VOLTAGE RATING:20 V DC/AC (RMS. max)  
CURRENT RATING:5 AMPS. FOR TOTAL VBUS/GND PINS;  
1.25AMPS FOR CC PIN,0.25 AMPS. FOR ALL OTHER CONTACT.
  - 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: 100MQ MIN
  - 2-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
3. ENVIRONMENTAL PERFORMANCE:
  - OPERATING TEMPERATURE: -25°C~+85°C.
- 6.IR REFLOW:
  - THE PEAK TEMPERATURE ON THE BOARD SHALL  
BE MAINTAINED FOR 10 SECONDS AT 260°C.



RECOMMENDED PCB LAYOUT(TOP VIEW)  
THICKNESS 0.80MM;DEFAULT TOLERANCE:±0.05



A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND			VBUS	CC1	D+	D-	SBU1	VBUS			GND
GND	RX1+	RX1-	VBUS	SBU2	D-	D+	CC2	VBUS	TX2-	TX2+	GND
B12			B9	B8	B7	B6	B5	B4			B1
1	HOUSING	HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.									
2	TERMINA	COPPER ALLOY(C1814)									
3	MID PLATE	STAINLESS STEEL(SUS301)									
4	FRONT SHELL	STAINLESS STEEL(SUS304)									
NO	SPARE PARTS	MATERIAL SCIENCE									



**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 2022.04.26	Molde code:	
CHECKED	DATE	GT-USB-7010H	
APPROVED	DATE		
<a href="http://www.dg-switch.com">http://www.dg-switch.com</a>		REV.: X1	SCALE: 4:1
TEL:0769-82388879		UNIT: mm	
		SIZE: A4	SHEET: 1/1