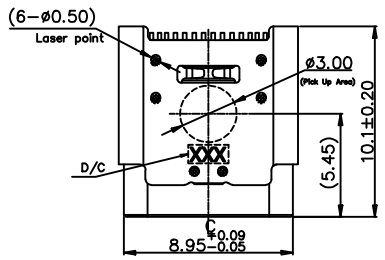
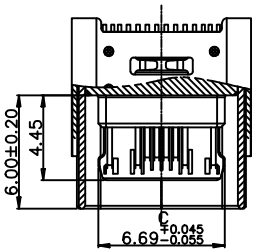
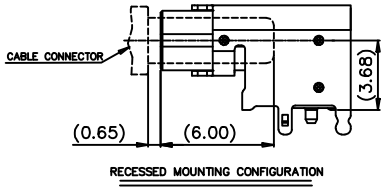
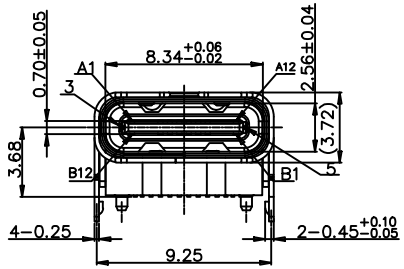
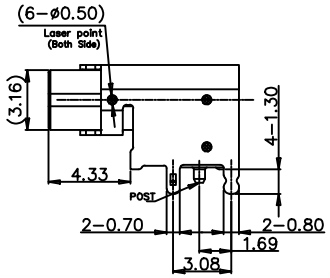
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A0	NEW RELEASE	2024/01/19	MA	PENG

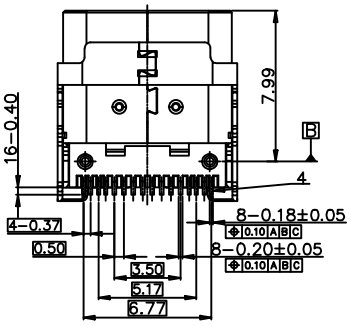


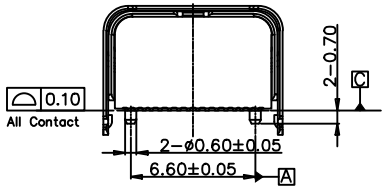


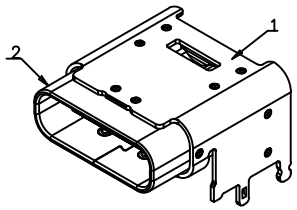


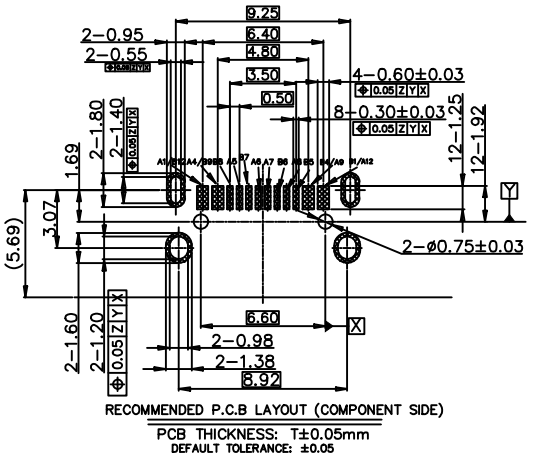












RECOMMENDED P.C.B LAYOUT (COMPONENT SIDE)
PCB THICKNESS: T±0.05mm
DEFAULT TOLERANCE: ±0.05

Specifications(规格书):
1. Electrical characteristics(电气特性):
1−1. Current rating(额定电流):
6A for VBUS(A4,A9,B4,B9)&GND(A1,A12,B1,B12), 0.25A for other pins(其他Pin).
1−2. Contact resistance(接触阻抗):
40 mΩ (MAX) initial for all contacts, Δ10 mΩ (MAX) after environmental test.
所有端子初始接触阻抗40 mΩ (MAX), 环境测试后最大增量不超过10 mΩ.
1−3. Dielectric withstanding voltage(耐电压) :
Lab test(认证测试): 100 VAC/60s/0.5mA;
Production test(产线测试): 100 VAC/0.1s/0.5mA.
1−4. Insulation resistance(绝缘阻抗):
Lab test(认证测试): 200 VDC/60s/100 MΩ;
Production test(产线测试): 200 VDC/0.1s/100 MΩ.
2. Mechanical characteristics(机械特性):
2−1. Connector insertion force(插入力):
5~20N at a maximum rate of 12.5mm/min. 插入力规格为5~20N.
2−2. Connector extraction force(拔出力):
Initial: 8~20N at a maximum rate of 12.5mm per minute.
Final: 6~20N at a maximum rate of 12.5mm per minute(mated with a new plug).
初始拔出力8~20N, 耐久测试后拔出力规格为6~20N(匹配新公座).
2−3. Durability(耐久测试): Mating & unmating 10000 cycles minimum.耐久插拔至少10000次以上
2−4. Operating temperature(工作温度): −55℃ ~ +125℃
3. The connector is Rohs2.0 & HF compliant.此连接器符合RoHS2.0&HF标准.

PIN ASSIGNMENT			
Pin No.	Signal Name	Pin No.	Signal Name
A1	GND	B12	GND
A2		B11	
A3		B10	
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D−
A7	D−	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10		B3	
A11		B2	
A12	GND	B1	GND

RoHS Compliant 2002/95/EC

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GENERAL TOLERANCE
.X 0.30
.XX 0.20
.XXX 0.10

PROJECT

鸿康科技（东莞）有限公司
Hongkang Technology (Dongguan) Co., Ltd

APPROVAL	CHECK	DRAWN	DATE
PENG	MA	ZHANG	2024/01/19

PART NO.

TITLE. TYPE C 16PIN SMT 垫高母座CH=3.68MM

UNIT	SCALE	NUMBER	REV
MM	1 : 1	A- 00	A0