Material
Housing: LCP+50%GF, UL 94V-0 rated, Color: Black;
Contact: Phosphor Bronze;
Plating: Au Plating on contact area, Au（Flash） Plating on solder tail, Ni(50u" Min) underplating over all;
Shell: Stainless steel; Nickel(40u" Min) Plating.

Mechanical
Insertion Force: 35N Max;
Withdrawal Force: 8N Min;
Durability: 10000 cycles Min.

Electrical Specification
Current Rating: 1.8A(Only Pin1,5), 0.25A For Other Pin;
Contact Resistance: 30mΩ Max;
Insulation Resistance: 100MΩ Min;
Dielectric Withstanding Voltage: 100V AC Min.

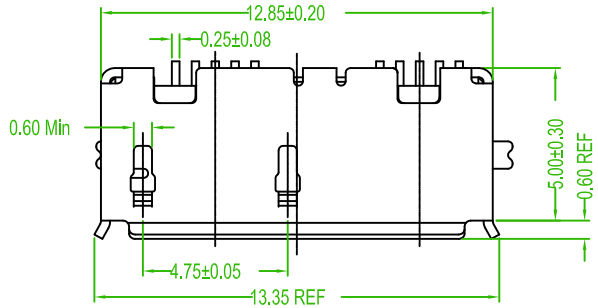
Environmental
Operating Temperature: -55°C to +85°C.

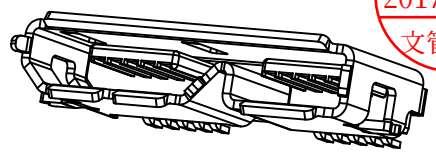
Pin Number	Signal Name
1	VBUS
2	D-
3	D+
4	ID
5	GND
6	MicB_SSTX-
7	MicB_SSTX+
8	GND_DRAIN
9	MicB_SSRX-
10	MicB_SSRX+

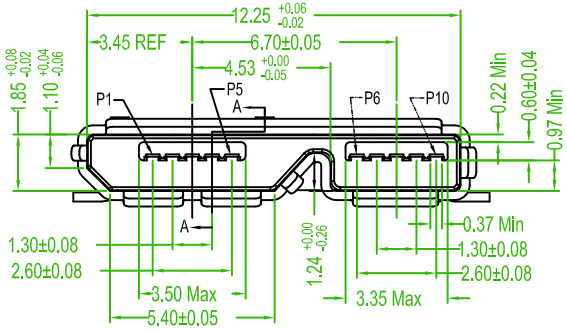
ORDER INFORMATION

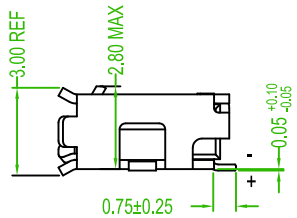
5 U R 3 B 0 3 M F - 1 1 0 G D B U H N 1

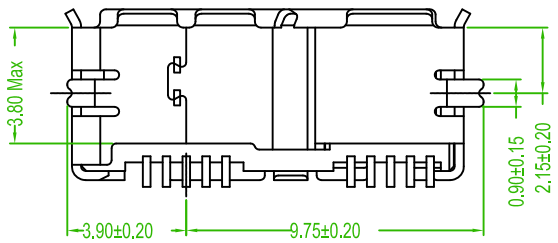
- F: F:Female
- 1: 1:1 Ports
- 1: No. of contacts
- G: GD:Au 30u"
- B: B:Black
- U: U:RoHS + LCP
- H: H:T/R W/O Cap

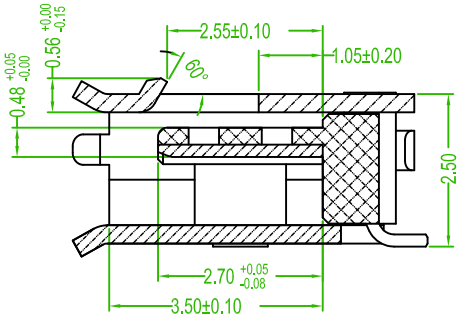




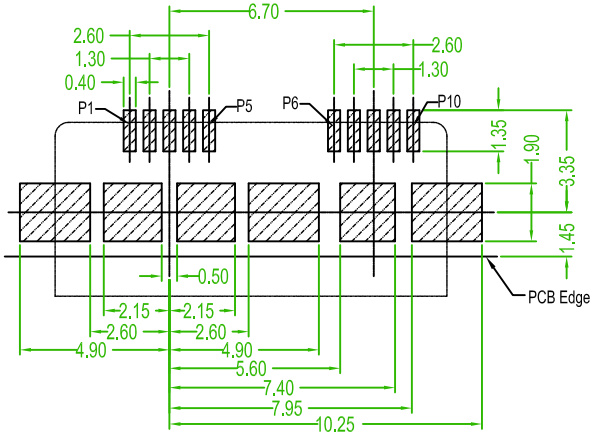








SECTION: A-A
SCALE: 2:1



RECOMMENDED PCB LAYOUT
COMPONENT SIDE(Tol:±0.05)

REV.	ECN NO. OR DESCRIPTION	REVISED	DATE
B	Revised the Part No.:5UR3B03MF-110SDBUHN1->5UR3B03MF-110GDBUHN1	B	2017/01/10 Jeff

Amtek
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Amtek Technology Co., Ltd.
TEL: 886-2-2260-6878
FAX: 886-2-2260-8030

品名 TITLE	Micro USB 3.0 B TYPE Receptacle			頁數 Page	1/1
品號 PART NO.	B 5UR3B03MF-110GDBUHN1			繪圖 DRAWN	Jeff 2016/11/18
圖號 DRAWING NO.	GW032-JF028	版本 REV.	B	核對 CHECKED	Johnny 2016/11/18
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	Aaron 2016/11/18
公差 TOLERANCE	.X ± 0.38 .XX ± 0.25	單位 UNIT	mm	THIRD ANGLE PROJECTION	

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