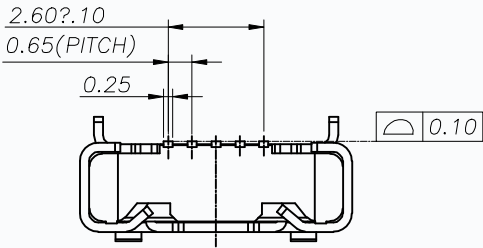


REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
01	ECN NO.	INITIAL RELEASED	2018.05.15	
02	ECN NO.	INCREASE PART NO.	2018.11.01	



5	GND
4	ID
3	D+
2	D-
1	VBUS
PIN	NAME
PIN ASSIGNMENT	

NOTE:

1.MATERIAL SPECIFICATION:

- 1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0
- 2.TERMINAL: BRASS(C2680 T=0.15)
- 3.FRONT SHELL: STAINLESS STEEL(SUS201/304 T=0.25)

2.PLATING SPECIFICATION:

2-1.TERMINAL:

Ni 50u" MIN. UNDER PLATED OVER ALL.

Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.

(GOLD PLATING THICKNESS FOLLOW THE P/N)

PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N

2-2.FRONT SHELL:

GOLD FLASH PLATING SOLDER TAIL 50u"MIN.NICKEL

AND SEE TABLE 1

3.MECHANICAL PERFORMANCE,

3-1.INSERTION FORCE: 3.5kgf MAX

3-2.REMOVAL FORCE: 0.8kgf MIN

3-3.DURABILITY: 10000 CYCLES.

4.ELECTRICAL PERFORMANCE,

4-1.CURRENT RATING:

VBUS & GND PINS: 1.8A MAX.

OTHER PINS: 0.5A MAX.

4-2. LLCR:

VBUS & GND PINS AND OTHER PINS: 30mΩ/PIN MAX.

SHIELD: 50mΩ/MAX.

LLCR MAX. CHANGE OF ALL PINS: 10mΩ.

4-3.INSULATION RESISTANCE: 100MΩ MIN

4-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.

5. ENVIRONMENTAL PERFORMANCE:

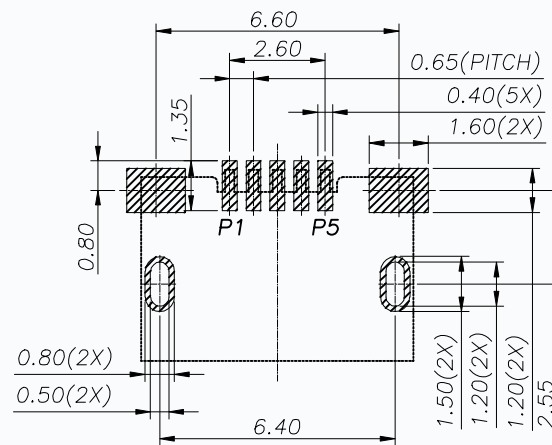
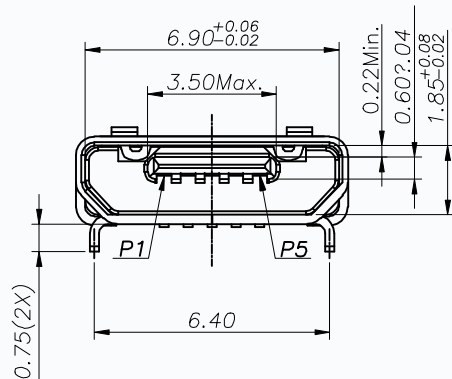
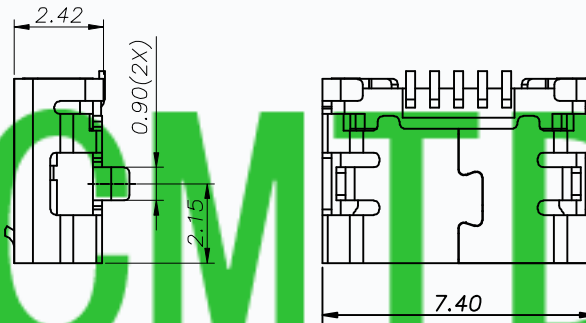
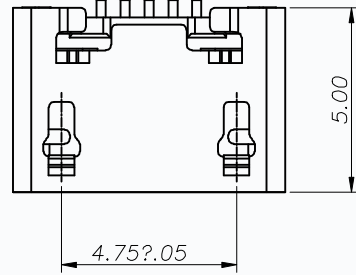
OPERATING TEMPERATURE: -25℃~+85℃.

6.IR REFLOW:

THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.

TABLE 1

4	ABF029-1E1S2E101-OHR	PA10T,BK	SUS201;SN:50u"Min.	Au:1u"	GOLD FLASH		
3	T10-05FB17-025	LCP	SUS201;SN:50u"Min.	Au:1u"	GOLD FLASH		
2	T10-05FB17-194	LCP	SUS304;GOLD FLASH	Au:1u"	GOLD FLASH		
1	T10-05FB17-248	PA10T	SUS201;SN:50u"Min.	Au:1u"	GOLD FLASH		
ITEM	P/N	HOUSING	MATERIAL AND SOLDER AREA	FUNCTIONAL AREA	SOLDER AREA		
			SHELL	TERMINAL			
TOLERANCE		NAME(INTENDED USE) CUSTOMER DRAWING		东莞市田都电子有限公司 DONGGUAN TIANDU ELECTRONICS CO.,LTD			
X.X	±0.30	X.' ±10'	PART NO.		TITLE: MICRO USB 5P 前插后贴6.40 无翻边 无柱		
.XX	±0.20	.X' ± 8'	SEE TABLE 1				
.XXX	±0.10	.XX' ± 5'	DESIGN: MC		DRAWG NO. 0101-1940		
UNITS	mm		CHED:				
MATERILA							
FINISH			APPD:		SCALE 1:1	SHEET 1/1	REV. 02



RECOMMENDED PCB LAYOUT(TOP VIEW)
DEFAULT TOLERANCE:±0.05