

NOTE:

1.MATERIAL SPECIFICATION:

- 1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
- 2.CONTACTS:COPPER ALLOY
- 3.MID PLATE: STAINLESS STEEL
- 4.FRONT SHELL: STAINLESS STEEL

2.PLATING SPECIFICATION:

- 2-1.CONTACTS:  
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:

- Ni 30u" MIN. UNDER PLATED OVER ALL.

2-3.MID PLATE:

- CLEAR ONLY

3.MECHANICAL PERFORMANCE,

- 3-1.INSERTION FORCE: 0.5~2.0kgf.
- 3-2.REMOVAL FORCE: 0.8kgf~2.0kgf.
- 3-3.DURABILITY: 10000 CYCLES.

4.ELECTRICAL PERFORMANCE,

- 4-1. CURRENT RATING: 3.0A  
VOLTAGE RATING: 5.0V
- 4-2. LLCR:  
VBUS & GND PINS AND OTHER PINS: 40m\*/PIN MAX.  
SHIELD: 50m\*/MAX.  
LLCR MAX. CHANGE OF ALL PINS: 10m\*
- 4-3.INSULATION RESISTANCE: 100M\* MIN
- 4-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.

5. 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.

SECTION: A-A

一般公差 GENERAL TOLERANCE	
X.X ±0.35	X° ±6°
X.XX ±0.25	X.X° ±3°
X.XXX ±0.15	▲ MAJOR DIM.

绘图 DR.	审核 CHK.	核准 APPD.
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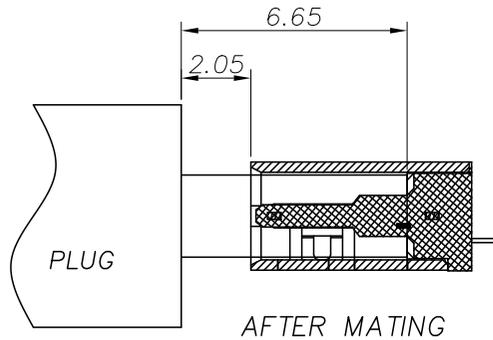
料号 PART NO.	文件编号 NUMBER
W-USB-CH160-16P	ENDPW03
品名TITLE	
USB CF TYPE 16PIN (L=6.5mm)	
沉板深度1.60mm	

<b>JCTC</b> ®		
比例SCALE	SHEET	版次REV.
1:1	1/2	A0

版次REV.	日期 DATE	变更内容 DESCRIPTION	审核CHK.	核准APPD.
A0	18.08.02	新版发行	LXZ	LXZ

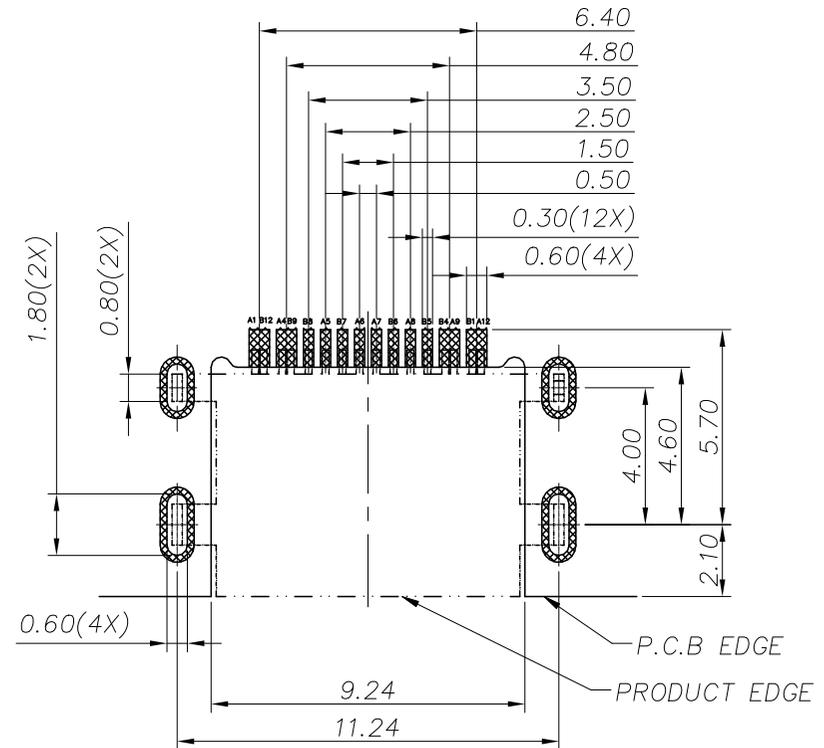
RoHS 2.0+HF

检验规范



USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND



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

					一般公差 GENERAL TOLERANCE		绘图 DR.		料号 PART NO.		文件编号 NUMBER		<b>JCTC</b> ®	
					X.X ±0.35	X° ±6°	审核 CHK.		W-USB-CH160-16P		ENDPW03			
					X.XX ±0.25	X.X° ±3°			核准 APPD.		品名 TITLE			比例 SCALE
					X.XXX ±0.15	▲ MAJOR DIM.	USB CF TYPE 16PIN (L=6.5mm)				1:1			
A0	18.08.02	新版发行	LXZ	LXZ	单位 UNIT	核准 APPD.		沉板深度 1.60mm			SHEET 2/2		版次 REV. A0	
版次 REV.	日期 DATE	变更内容 DESCRIPTION	审核 CHK.	核准 APPD.	mm									