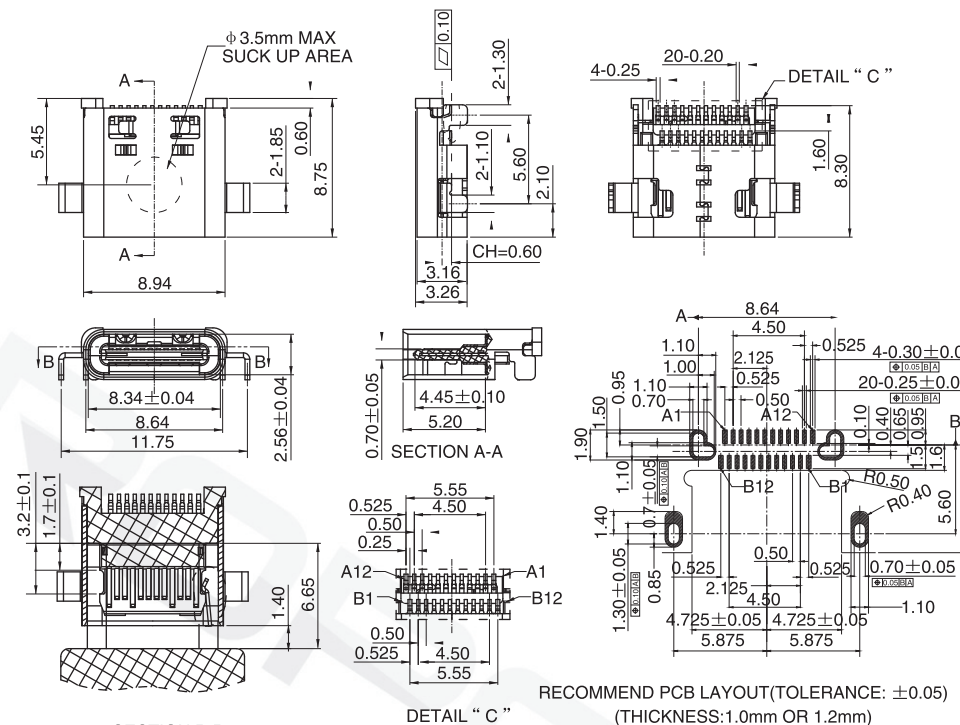


TID



RECOMMEND PCB LAYOUT(TOLERANCE:  $\pm 0.05$ )  
(THICKNESS:1.0mm OR 1.2mm)

### USB TYPE-C FULL-FEATURED RECEPTACLE INTERFACE PIN ASSIGNMENTS

PIN	Signal Name	Description	PIN	Signal Name	Description
A1	GND	Ground return	B12	GND	Ground return
A2	SSTxp1	Positive half of first SuperSpeed TX differential pair	B11	SSRxp1	Positive half of first SuperSpeed RX differential pair
A3	SSTxn1	Negative half of first SuperSpeed TX differential pair	B10	SSRxn1	Negative half of first SuperSpeed RX differential pair
A4	VBUS	Bus Power	B9	VBUS	Bus Power
A5	CC1	Configuration Channel	B8	SBU2	Sideband Use (SBU)
A6	Dp1	Positive half of the USB 2.0 differential pair-Position 1	B7	Dn2	Negative half of the USB 2.0 differential pair-Position 2
A7	Dn1	Negative half of the USB 2.0 differential pair-Position 1	B6	Dp2	Positive half of the USB 2.0 differential pair-Position 2
A8	SBU1	Sideband Use(SBU)	B5	CC2	Configuration Channel
A9	VBUS	Bus Power	B4	VBUS	Bus Power
A10	SSRxn2	Negative half of second SuperSpeed RX differential pair	B3	SSTxn2	Negative half of second SuperSpeed TX differential pair
A11	SSRxp2	Positive half of second SuperSpeed RX differential pair	B2	SSTxp2	Positive half of second SuperSpeed TX differential pair
A12	GND	Ground return	B1	GND	Ground return

## 主要技术参数、性能

### The Main Thchnology Performance

额定电流 Current Rating	5.0A MAX
接触电阻 Contact resistance	40mΩ Max
绝缘电阻 insulated resistance	100mΩ Min
耐受电压 Withstanding Voltage	AC 100V/Minute
电寿命 Electrical Life	10,000 Cycles
使用温度 Service temperature	-30℃ + 85℃
作用力 Mating Force	5N-20N
反作用力 Unmating Force	8N-20N

E				
D				
C				
B				
A				
项目 ITEM	名称 DESCRIPTION	材质 MATERIAL	数量 QYT	表面处理/颜色 FINSH/COLOR

					第一视角 FIRST VIEW		名称/NAME:  USB/TYPE-C	
标记 SING	处数 FREQUENCY	更改文件号 REVISION	签名 APPROVED	日期 DATE	比列 SCALE		一般公差 GENERAL TOLERANCE	
设计 DESIGN		Zhaoming			单位 UNIT	mm	0.5~2	± 0.10
审核 CHECKED		Zengyong			重量 WELGHT		2~5	± 0.15
批准 APPROVED		Fuyunfeng					5~10	± 0.20
							角度	± 0.5°
							型号/MODEL:  TYPE-CF-24P-OT1.0-L8.75	
							