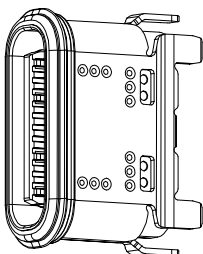
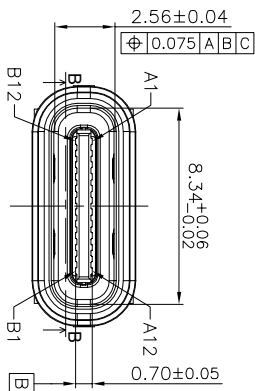
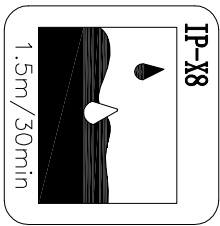
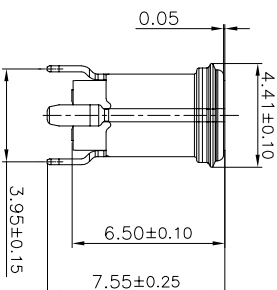
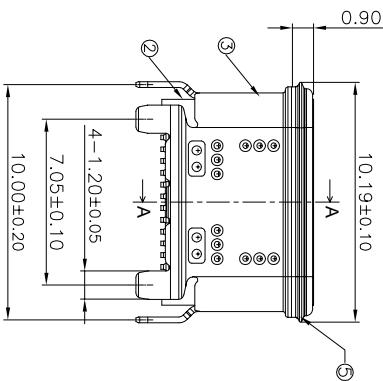
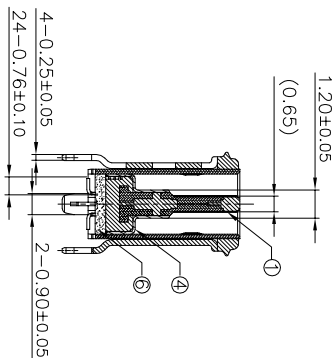


1 2 3 4 5 6 7 8 9 10

RoHS 客户图



- SPECIFICATION:
- Material & Finish: See the list
 - Mechanical:
 - Mating force: 5~20N
 - Unmating force: Initial: 8~20N; Final: 6~20N
 - Durability: 10000 Cycles
 - Electrical:
 - Current Rating:
VBUS Pins: 5A, Vconn Pin: 1.25A, Other Pins: 0.25A
 - Voltage Rating: 30V Max.;
 - Dielectric Withstanding voltage: 100V_{ac} 60S, 10mA
 - Contact resistance: 40m Ohms Max.;
 - Insulation Resistance: 100M Ohms Min.
 - Environmental:
 - Operating temperature: -40°C~+85°C;
 - Salt Spray Test: 48H Min. (No oxidation or rust)
 - Wetting Temperature: 265±5°C, 5±0.5s
 - Waterproof Level: IPX8



PART NO: 8001F-FS24003-A

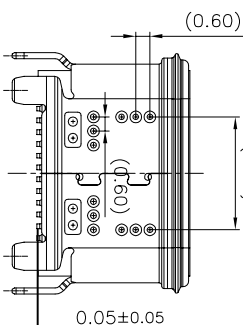
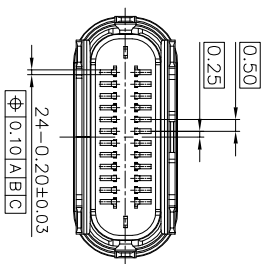
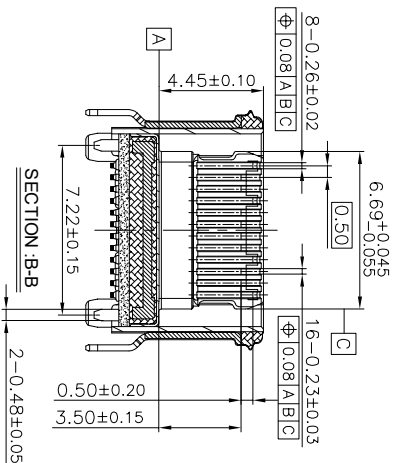
SERISE: TYPE C

Receptacle

serial number

Variable

SECTION A-A



NO.	NAME	MATERIAL	REMARKS	QTY
6	GLUE	EPPOXY RESIN	COLOR: BLACK	g
5	LIM. RING	SILICA GEL	NA	1 PCS
4	EMC	SIS 316L, T=0.12mm	CLEAN	1 PCS
3	OUT SHELL	SIS 304-H, T=0.25mm	50μ" NICKEL PLATED	1 PCS
2	INNER SHELL	SIS 316L, T=0.20mm	NO PLATING	1 PCS
1	INSERT MD	MID PLATE, SIS 301-H, T=0.15mm	NO PLATING	1 PCS
		CONTACT: C18400, T=0.12mm	AU/NICKEL PLATED	SET
		PLASTIC: PA46	COLOR: BLACK, UL94V_0	

产品图

PRODUCT CHART DWG

公差一览表

公称尺寸	公差	单位	比例	日期
X	±0.30	X'	±5'	2009/10/20
XX	±0.25	XX'	±2'	
XXX	±0.15	XXX'	±0.5'	

深圳市鑫风雷电子有限公司
Shenzhen xinfenglei Electronics Co., Ltd

制图	审核	批准	日期
王冠	雷永健	雷永健	2009/10/20
DRWING	CHKD	APPD	
产品料号	产品名称	联系方式	
8001F-FS24003-A	Type C 24p 母座 180度立式 SMT H=6.5 防水	mailto:salel@xfll.com	
PRODUCT PART NO	PRODUCT NO	Mailbox: salel@xfll.com	
		www.xfll.com.cn	

1

RoHS

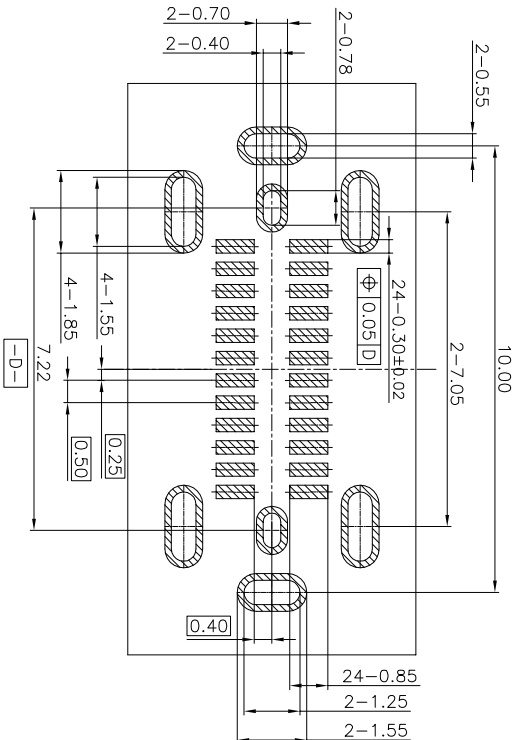
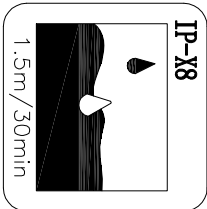
2

客户图

3

USB TYPE-C FULL-FEATURED RECEPTACLE
INTERFACE PIN ASSIGNMENTS

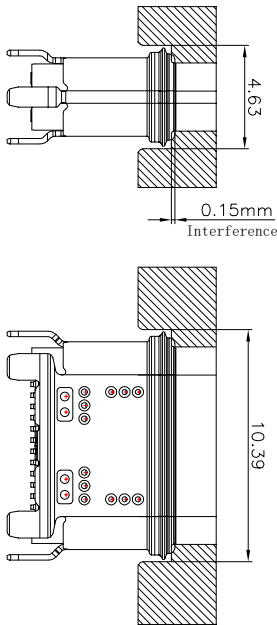
PIN	Signal Name	Description	PIN	Signal Name	Description
A1	GND	Ground return	B12	GND	Ground return
A2	SSTXn1	Positive half of first SuperSpeed TX differential pair	B11	SSRXn1	Positive half of first SuperSpeed RX differential pair
A3	SSTXn1	Negative half of first SuperSpeed TX differential pair	B10	SSRXn1	Negative half of first SuperSpeed RX differential pair
A4	Vbus	Bus Power	B9	Vbus	Bus Power
A5	CC1	Configuration Channel	B8	SR02	Sideband Use (SR0)
A6	Dp1	Positive half of the USB 2.0 differential pair-Position 1	B7	Dm2	Negative half of the USB 2.0 differential pair-Position 2
A7	Dm1	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	SR01	Sideband Use (SR0)	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	SSRXn2	Positive half of second SuperSpeed RX differential pair	B2	SSTXn2	Positive half of second SuperSpeed TX differential pair
A12	GND	Ground return	B1	GND	Ground return



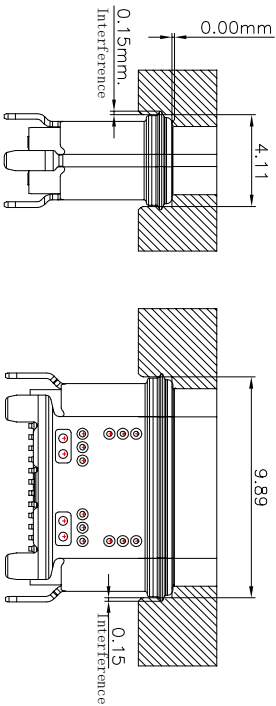
RECOMMENDED PCB LAYOUT (SCALE 2:1)

TOLERANCE UNSPECIFIED ±0.05mm

目錄 MAPX	變更內容 MODIFICATION	日期 DATE
A0	NEW	24-07-20



RECOMMENDED CAVITY "1" SIZE



RECOMMENDED CAVITY "2" SIZE

产品图 PRODUCT CHART DWG				深圳市鑫风雷电子有限公司 Shenzhen xinfenglei Electronics Co., Ltd			
公差一览表 TOLERANCE UNLESS OTHERWISE				单位 UNITS	制图 DRAWING	产品料号 PRODUCT PART NO.	8001F-FS24003-A
X	±0.30	X'	±5°	MM	王冠 Wangguan	雷永健 Lei Yongjian	产品名称 PRODUCT NO.
.X	±0.25	.X'	±2°	比例 SCALE	审核 CHKD	雷永健 Lei Yongjian	Type C 24p母座180度立式SMT H=6.5 防水
.XX	±0.20	.XX'	±1°	日期 DATE	核准 APPD	雷永健 Lei Yongjian	联系方式 Mailbox: sale1@xfll.com.com
.XXX	±0.15	.XXX'	±0.5°	2009/10/20		雷永健 Lei Yongjian	www.xfll.com.com