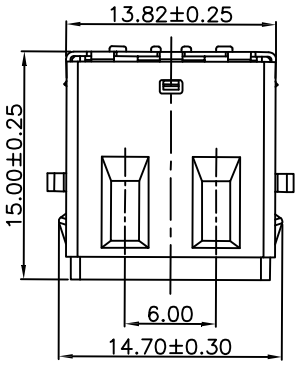
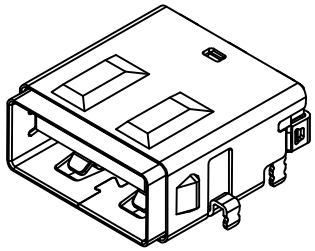
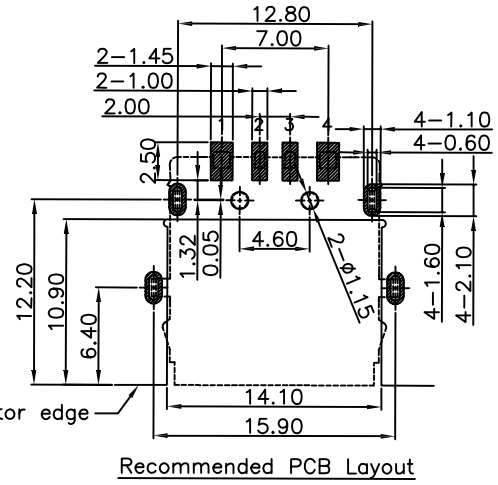
RoHS Compliant

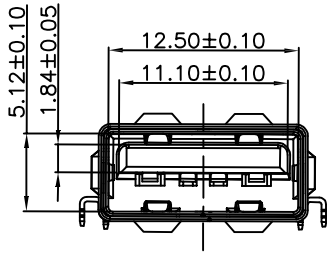
目錄 MAPX	设变内容 MODIFICATION	日期 DATE
A0	NEW	25-08-18

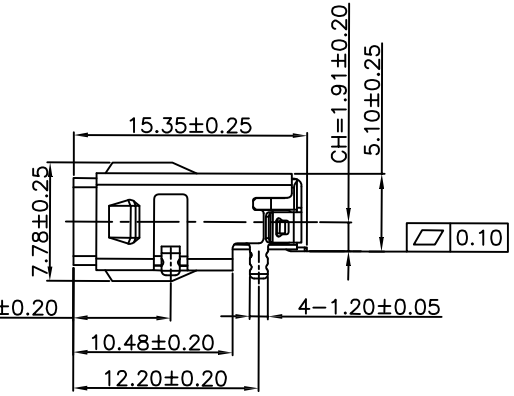


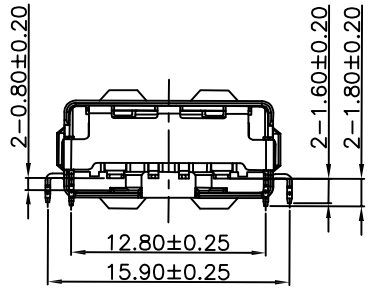


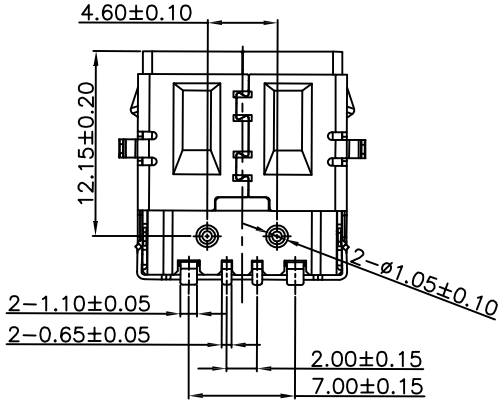


Recommended PCB Layout









SPECIFCATIONS:

1.0 Electrical Performance:
1.1 Contact current Rating:
3 Amperes for VBUS and GND contacts
0.25 Amperes for all other contacts
1.2 Dielectric Withstanding Voltage:AC 500V/minute
1.3 Insulation resistance:1000M ohms Min
1.4 Contact Resistance:
30m ohm Max for VBUS and GND contacts
50m ohm Max for all other contacts
2.0 Mechanical Performance:
2.1 Mating Force:35N Max
2.2 Unmating Force:10N Min;10N Min After Durability.
2.3 Durability:10000 cycles
2.4 Four directions of over load test :15kgf
3.0 Environmental Performance:
3.1 Temperature Range:
Operating Temperature:-55°C to+85°C
4.0 Material:
4.1 Housing:See Table,UL94 V-0
4.2 Contact:C5191,T=0.25mm
4.3 Shell:SUS304,T=0.30mm
5.0 PLATING:
5.1 Contact:Au(See Table) Plated on contact area
Tin 100u" Plated on solder area
Nickel 50u" Plated underplating over all.
5.2 Shell: Nickel 50u"Min Plated.

Pin Assignments(A端)：

Pin	Signal Name	Description
1	GND	Ground return
2	D+	Positive half of the USB2.0 differential pair-Position 1
3	D-	Negative half of the USB2.0 differential pair-Position 2
4	VBUS	Bus Power

产品图 PRODUCT CHART DWG

公差一览表 TOLERANCE UNLESS OTHERWISE

X.	±0.30	X°.	±5°
.X	±0.25	.X°	±2°
.XX	±0.20	.XX°	±1°
.XXX	±0.15	.XXX°	±0.5°

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

单位 UNITS	MM	制图 DRAWING	王冠 Wangguan	产品料号 PRODUCT PART NO.	8002F-0000061-X
比例 SCALE	1:1	审核 CHKD	雷永健 Leiyongjian	产品名称 PRODUCT NO.	USB 2.0 A母 90度沉板SMT有柱 CH=1.91 L=15.0带遮光屏蔽壳
日期 DATE	2009/10/20	核准 APP'D	雷永健 Leiyongjian	联系方式 Mailbox/web	mailbox：sale1@xflconn.com www.xflconn.com

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