

RoHS Compliant

REVISIONS

REV.	DESCRIPTION	DATE	DESIGN

SPECIFICATIONS:

Contact current Rating:

1.8 Amperes for pin1&pin4.

0.25 Amperes other contacts

Dielectric Withstanding Voltage:AC
100V(RMS)

Insulation resistance:100Megohms Minimum.

Contact Resistance:

30mΩ Max for pin1&pin4

50mΩMax for other contacts

Mechanical Characteristics:

MATING FORCE:35 N Max

Extraction FORCE:10 N Min INITIAL; 8 N

Min AFTER TESTOperating

Temperature:-55 °C+85 °C2.FINISHED

CONTACTS: GOLD PLATED(SEE TABLE)

ON CONTACT AREA,80u"MIN. MATTE-TIN ON
SOLDERTALLS 50u" MIN. NICKEL

UNDERPLATING OVER ALL

SHELL: 50u" MIN. NICKEL

UNDERPLATING OVER ALL

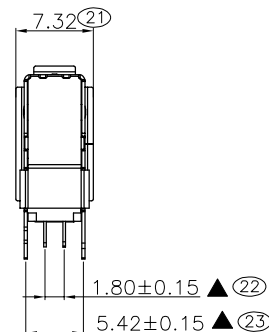
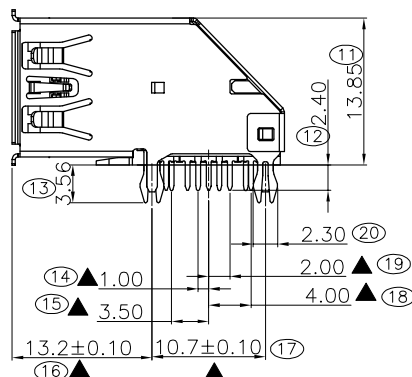
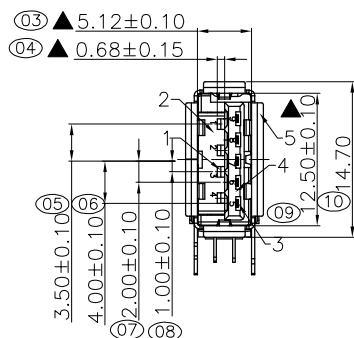
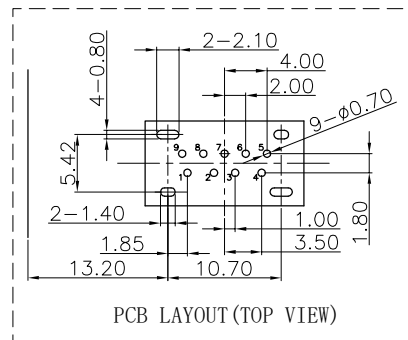
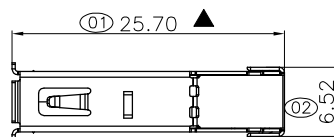
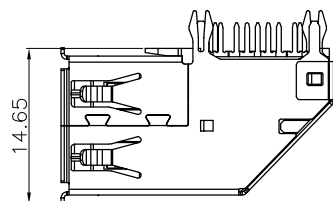
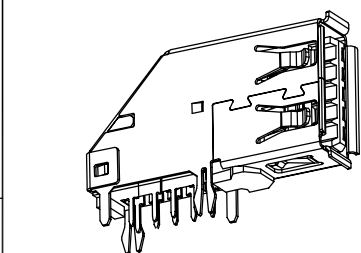
"▲" FOR MAJOR DIM

"⊗" FOR FAI DIM

PART NO. INFORMATION

U03-A F X A X X -2001-V1

PORT TYPE A: TYPE A	GENDER F: FEMALE M: MALE	CONTACT PLATED 1: GOLD FLASH 2: GOLD 3U" 3: GOLD 5U" 4: GOLD 10U" 5: GOLD 15U" 6: GOLD 30U"	PACKAGE T: TRAY R:TAPE REEL	HOUSING COLOR 2: WHITE 5: BLACK 9: BLUE	HOUSING MATERIAL A: LCP B: PBT C: PA9T D: PA6T E: PA46 F: PA66



Pin Number	Signal Name	Pin Number	Signal Name
1	VBUS	5	SSRX-
2	D-	6	SSRX+
3	D+	7	GND
4	GND	8	SSTX-
Shell	Shield	9	SSRT+

ITEM	PART NAME	Material	Q'TY	REMARK
1	4P Semi-manufactured Goods	Housing PBT/LCP	1	Black.Red&Blue UL94V-0
2	5P Semi-manufactured Goods	Contact Phosphor Bronze	4	T=0.25 Plating Gld/Tin
3	4P Semi-manufactured Goods	Housing PBT/LCP	1	Black.Red&Blue UL94V-0
4	5P Semi-manufactured Goods	Contact Brass	5	T=0.25 Plating Gld/Tin
5	Shell	SUS201-1/2H	1	T=0.3

Bestcreate Technology Limited

TOLERANCES UNLESS OTHERWISE SPECIFIED:

X.	± 0.30	X.*	± 3°
.X	± 0.20	.X.*	± 2°
.XX	± 0.15	.XX.*	± 1°

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DESIGN: I. L DATE: 2017. 3. 1

CHECKED: C. W DATE: 2017. 3. 1

APPROVED: C. W DATE: 2017. 3. 1

TITLE: USB 3.0 AF 90度侧插式 外壳卷边
小鱼叉脚 主体避让

MATERILA:	PART NO: U03-AFXAXX-2001-V1	SIZE: A4
FINSH:	DWG NO: U03-AFXAXX-2001-V1	SHEET: 1 OF 1

REV: A	UNIT mm	SCALE 1=1	QUALITY SYMBOLS
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