

RoHS Compliant

REVISIONS

REV.	DESCRIPTION	DATE	DESIGN

NOTE:

1. MATERIAL:

- 1.1 INSULATOR:LCP UL 94V-0
- 1.2 CONTACT:BRONZE
- 1.3 SHELL:BRASS&STAINLESS STEEL

2. ELECTRICAL CHARACTERISTICS;

- 2.1 CONTACT RESISTANCE:30mΩ MAXIMUM
- 2.2 CONTACT CURRENT RATING:1.5A
- 2.3 DIELECTRIC WITHSTANDING VOLTAGE:100 V AC R.M.S.
- 2.4 INSULATION RESISTANCE 100 MEGOHMS MIN
- 2.5 OPERATING TEMPERATURE:-40° C ~ 85° C

3. MECHANICAL CHARACTERISTICS:

- 3.1 MATING FORCE:3.57kgf MAX
- 3.2 UNMATED FORCE:1.02kgf MIN AFTER TEST
- 3.3 DURABILITY MANDATORY:1500 CYCLES

4. PLATING

4.1 TERMINAL:

- 50u" MIN NICKEL ALL OVER
- 80u"MIN Tin ON SOLDER AREA
- (1~30)u"Au ON CONTACT AREA

4.2 SHELL:50u"MIN. NICEL ALL OVER

PART NO. INFORMATION

U03-A F X A X X - 3011

PORT TYPE A: TYPE A	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
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"		

PCB EDGE
RECOMMENDED PCB LAYOUT

Pin NUMBER	SIGNAL NAME
1	VBUS
2	D-
3	D+
4	GND
5	StdA_SSRX-
6	StdA_SSRX+
7	GND_DRAIN
8	StdA_SSTX-
9	StdA_SSTX+
Shell Shield	

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 SMT CONNECTOR SHORT BODY, WITH FLANGE

MATERILA:	PART NO: U03-AFXAXX-3011	SIZE: A4
FINSH:	DWG NO: U03-AFXAXX-3011	SHEET: 1 OF 1