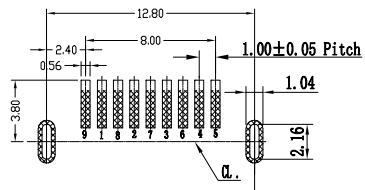
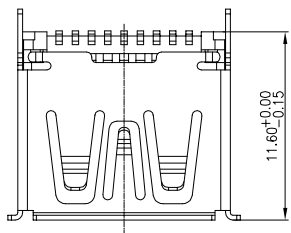


RoHS Compliant

REVISIONS			
REV.	DESCRIPTION	DATE	DESIGN



TOLERANCE: ±0.05, THICKNESS: 1.2mm
RECOMMENDED PCB LAYOUT
(TOP VIEW)
KEEP OUT AREA

NOTE:

1. MATERIAL:

- 1.1 INSULATOR:HIGH TEMPERATURE PLASTIC UL 94 V-0;BLUE
- 1.2 CONTACT:COPPER ALLOY(T=0.20mm)
- 1.3 SHELL:SUS304(T=0.30mm)

2. ELECTRICAL CHARACTERISTICS:

- 2.1 CONTACT RESISTANCE:30mΩ Max
- 2.2 CONTACT CURRENT RATING:1.5A
- 2.3 DIELECTRIC WITHSTANDING VOLTAGE:500 V R. M. S.
- 2.4 INSULATION RESISTANCE 1000 MEGOHMS Min

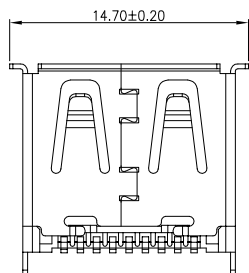
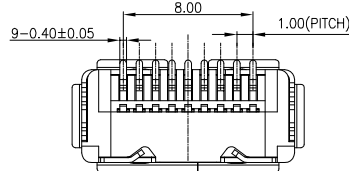
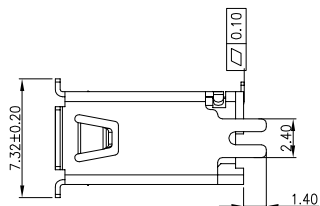
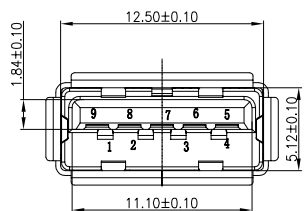
3 MECHANICAL CHARACTERISTICS:

- 3.1 MATING FORCE:35 N Max
- 3.2 UNMATED FORCE:10 N Min INITIAL; 8 N Min AFTER TEST
- 3.3 DURABILITY:5,000 CYCLES

4. PLATING

- 4.1 TERMINAL CONTACT: (SEE TAB) GOLD PLATING ALL OVER
50u" MIN NICKEL AND 100u"MIN MATTE Tin ALL OVER 50u"
MIN NICKEL ON SOLDER AREA
- 4.2 SHELL:50u"MIN. NICKEL ALL OVER

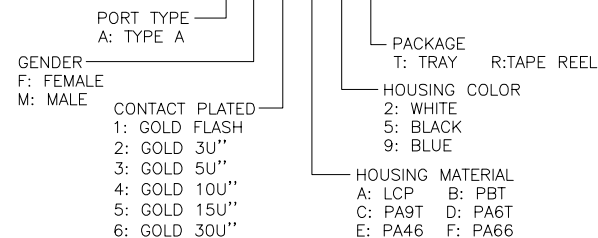
5. PART NUMBER:



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

PART NO. INFORMATION

U03-A F X A X X -1008-V2



Bestcreate Technology Limited

TOLERANCES UNLESS OTHERWISE SPECIFIED:

X.	± 0.30	X'	± 3'
.X	± 0.20	.X'	± 2'
.XX	± 0.15	.XX'	± 1'

Website: www.bsc-elec.com

E-mail: bestcreate@bsc-elec.com

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

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

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

TITLE: VERTICAL USB 3.0 AF CONNECTOR WITH FLANGE

MATERIAL: PART NO: U03-AFXAXX-1008-V2 SIZE: A4

FINISH: DWG NO: U03-AFXAXX-1008-V2 SHEET: 1 OF 1

REV: A UNIT mm SCALE 1=1 QUALITY SYMBOLS