

RoHS Compliant

REVISIONS

REV.	DESCRIPTION	DATE	DESIGN

NOTE:

1. MATERIAL:

- 1.1 INSULATOR:LCP UL 94V-0
- 1.2 CONTACT:BRONZE (T=0.20mm)
- 1.3 SHELL:BRASS (T=0.30mm)

2. ELECTRICAL CHARACTERISTICS:

- 2.1 CONTACT RESISTANCE:30mΩ MAXIMUM
- 2.2 CONTACT CURRENT RATING:1.5A
- 2.3 DIELECTRIC WITHSTANDING VOLTAGE:500 V R. M. S.
- 2.4 INSULATION RESISTANCE 1000 MEGOHMS MIN
- 2.5 OPERATING TEMPERATURE:-40° C ~ 85° C

3. MECHANICAL CHARACTERISTICS:

- 3.1 MATING FORCE:3.57kg MAX
- 3.2 UNMATED FORCE:1.02kg MIN
- 3.3 DURABILITY:MANDATORY:5,000 CYCLES

4. PLATING

4.1 TERMINAL:

50u" MIN NICKEL ALL OVER
100u" MIN Tin ON SOLDER AREA
(1~30)u" Au ON CONTACT AREA

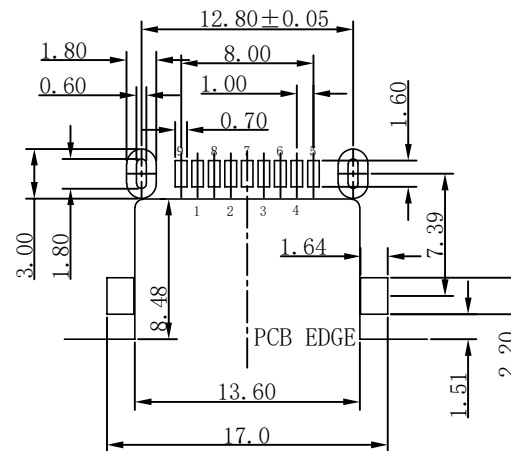
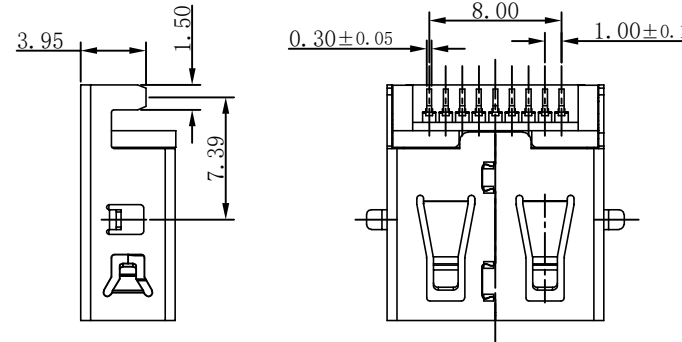
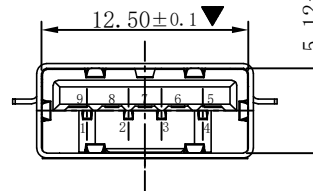
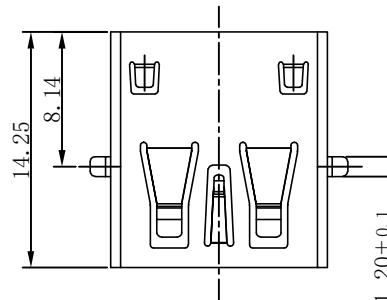
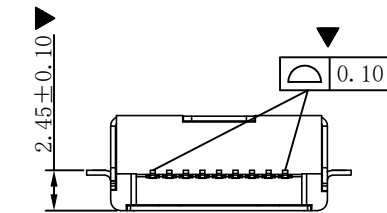
4.2 SHELL:100u" MIN. NICEL ALL OVER

5. "▼" FOR MAJOR DIM

PART NO. INFORMATION

U03-A F X A X X -5010 -V1

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



RECOMMENDED PCBA LAYOUT
(TOLERANCE+/-0.05)

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: USB3.0 AF 沉板居中H2.45无卷边

MATERIAL: PART NO: U03-AFXAXX-5010-V1 SIZE: A4

FINISH: DWG NO: U03-AFXAXX-5010-V1 SHEET: 1 OF 1

REV: A UNIT mm SCALE 1=1 QUALITY SYMBOLS