

RoHS Compliant

REVISIONS

REV.	DESCRIPTION	DATE	DESIGN

NOTE:

1. MATERIAL:

1.1 INSULATOR:HIGH TEMPERATURE PLASTIC

1.2 CONTACT:BRONZE

1.3 SHELL:BRASS,OR SUS

2. ELECTRICAL CHARACTERISTICS:

2.1 CONTACT RESISTANCE:30mΩ MAX

2.2 CONTACT CURRENT RATING:1.5A

2.3 DIELECTRIC WITHSTANDING VOLTAGE:100 V R. M. S.

2.4 INSULATION RESISTANCE 100 MΩ MIN

2.5 OPERATING TEMPERATURE:-40° C ~ 85° C

3. MECHANICAL CHARACTERISTICS:

3.1 MATING FORCE:3.57kgf MAX

3.2 UNMATING FORCE:1.02kgf MIN

3.3 DURABILITY:MANDATORY:1,500 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:80u"MIN. NICKEL ALL OVER

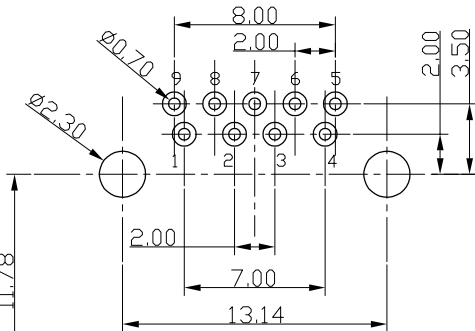
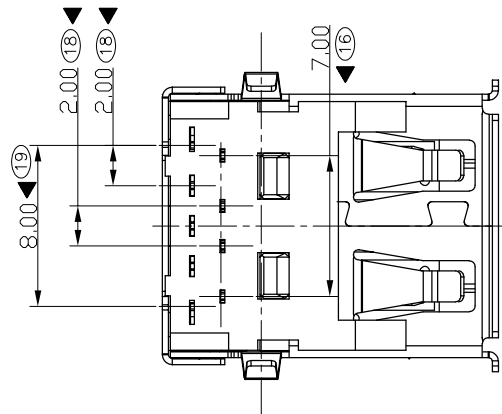
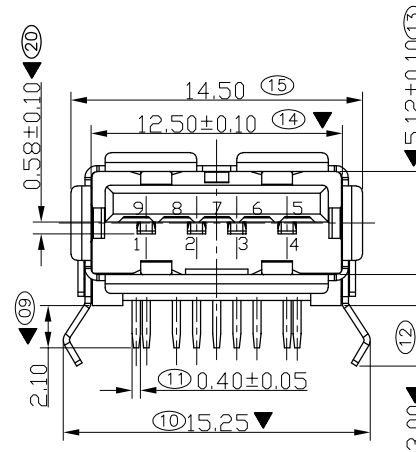
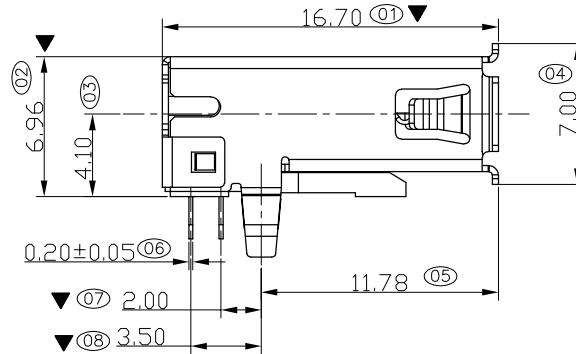
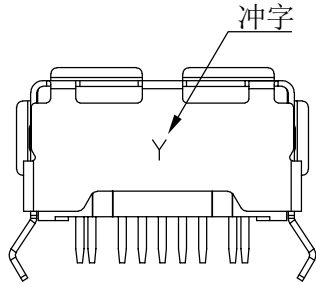
5."▼" FOR MAJOR DIM

6."(XX)" FOR FAI DIM

PART NO. INFORMATION

U03-A F X A X X -3005 -V1

PORT TYPE A: TYPE A	PACKAGE T: TRAY R:TAPE REEL	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: USB 3.0 AF板上90度DIP,
外壳无卷边直脚

MATERIAL: PART NO: U03-AFXAXX-3005-V1 SIZE: A4

FINISH: DWG NO: U03-AFXAXX-3005-V1 SHEET: 1 OF 1

REV: A UNIT mm SCALE 1=1 QUALITY SYMBOLS