

RoHS Compliant

REVISIONS

REV.	DESCRIPTION	DATE	DESIGN

NOTE:

1.MATERIAL:

1.1 INSULATOR:PA 9T, UL 94 V-0;COLOR BLACK

1.2 4PIN CONTACT:C5191(T=0.25mm)

1.3 5PIN CONTACT:C2680(T=0.20mm)

1.4 SHELL:SUS201(T=0.30mm)

2.ELECTRICAL CHARACTERISTICS;

2.1 Current Rating:1.8

2.2 Insulation Resistance:100MQ Min

2.3 Contact Resistance:30mQ Max

2.4 Dielectric Withstanding Voltage:500V AC

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

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 SPECIFICATION:

4.1 CONTACTS:Ni 50u" MIN. UNDER PLATED, Au 5" PLATED

ON THE MATING AREA OF CONTACT.

MATTE Sn 100u" MIN. PLATED ON THE SOLDER TALL.

4.2 FRONT SHELL:Ni 50u"MIN. UNDER PLATED OVER ALL.

4.3 Salt Spray 24H

Pin #	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 -5017

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

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 3.1 Gen2(10Gbps) TYPE A 9P, H=5.72MM
CH=1.00MM REC, RVS, DIP TYPE

MATERILA: PART NO: U03-AFXAXX-5017 SIZE: A4

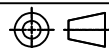
FINSH: DWG NO: U03-AFXAXX-5017 SHEET: 1 OF 2

REV: A

UNIT mm

SCALE 1=1

QUALITY SYMBOLS



1

2

3

4

5

6

7

8