

RoHS Compliant

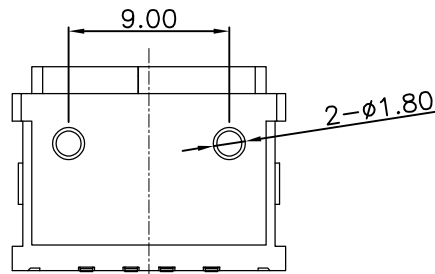
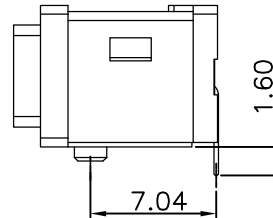
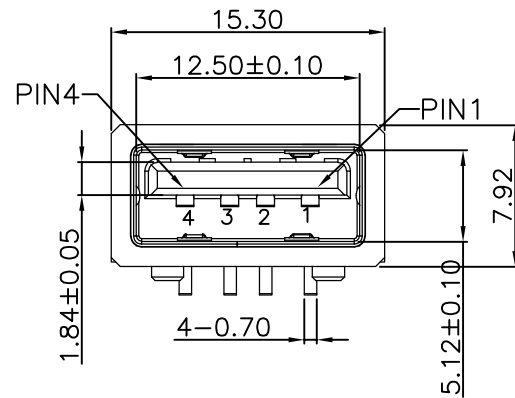
REVISIONS

REV.	DESCRIPTION	DATE	DESIGN

NOTES:

SPECIFICATION:

1. CURRENT RATING: 3.0A MAX
2. DIELECTRIC WITHSTAND VOLTAGE: 100VAC
3. TEMPERATURE RANGE: -30 °C ~ 85 °C
4. CONTACT RESISTANCE: 40 MILLIONHM MAX
5. INSULATION RESISTANCE: 100 MEGOHMS MIN.
6. INSERTION FORCE :10N~30N
7. UNMATING FORCE: 8N~30N
8. DURABILITY:1500 CYCLES



4	Shell	1	SUS 301 1/4H
3	PLASTIC Shell	1	PA10T (G.F30%)
2	Contact	4	BRASS C2680-EH Au/Ni Plating T=0.25mm
1	Housing	1	PA10T (G.F30%)
ITEM	PART NAME	Q' TY	FINISH

PART NO. INFORMATION

U01-A F X X 5 R - W004

PORT TYPE B: TYPE A	PACKAGE R: TAPE REEL T: TRAY
GENDER F: FEMALE M: MALE	HOUSING COLOR 2: WHITE 5: BLACK 9: NATURE
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 G: PA10T

Bestcreate Technology Limited

TOLERANCES UNLESS OTHERWISE SPECIFIED:

X.	±	0.50	X.	±	2°
.X	±	0.30	.X	±	1°
.XX	±	0.10	.XX	±	0.5°

Website:www.bsc-elec.com  
Email:bestcreate@bsc-elec.com

DESIGN: DATE:

I. L. 2017. 3. 1

CHECKED: DATE:

C. W. 2017. 3. 1

APPROVED: DATE:

C. W. 2017. 3. 1

TITLE:

IPX7 USB 2.0 A FEMALE CONNECTOR

MATERILA:

FINSH:

PART NO:

U01-AFXX5R-W004

SIZE:

A4

DWG NO:

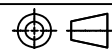
U01-AFXX5R-W004

REV:  
A

UNIT  
mm

SCALE  
1=1

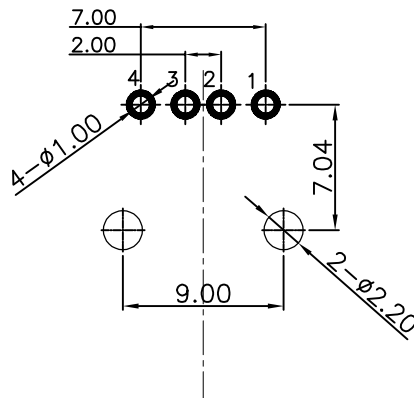
QUALITY  
SYMBOLS



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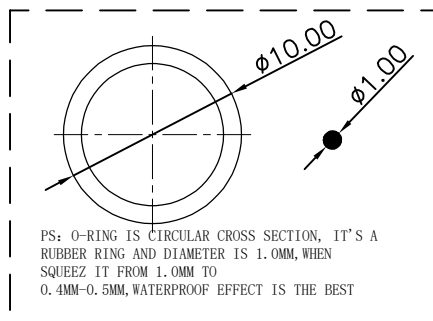
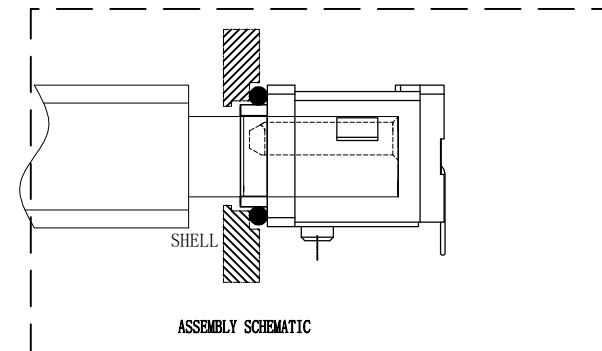
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RECOMMENDED PCB LAYOUT(TOP VIEW)

THICKNESS T=1.0mm  
DEFAULT TOLERANCE+/-0.05



PIN ASSIGNMENT

PIN NO.	1	2	3	4
SINGAL NAME	VBUS	D-	D+	GND

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TOLERANCES UNLESS OTHERWISE SPECIFIED:

X.	±	0.50	X.	±	2°
.X	±	0.30	.X°	±	1°
.XX	±	0.10	.XX°	±	0.5°

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REV: A

UNIT mm

SCALE 1=1

QUALITY SYMBOLS

