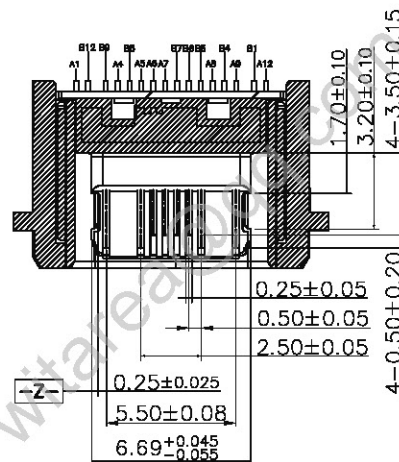
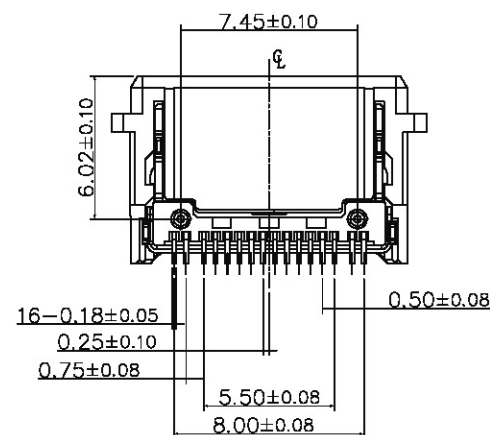
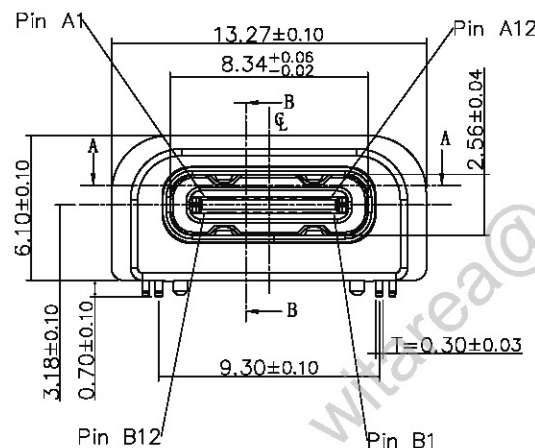
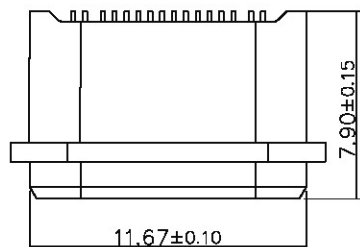
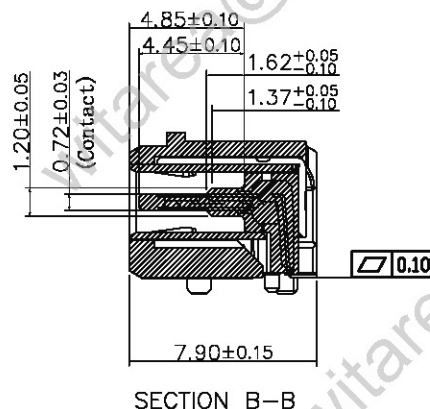
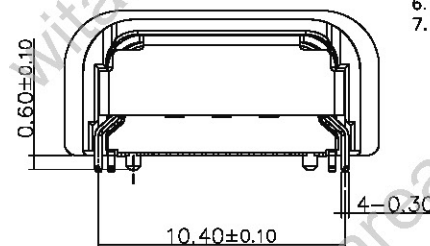
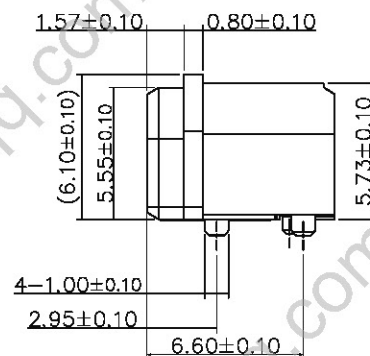




SECTION A-A



SECTION B-B

REV	ECN No.	DATE	REMARK
A	NEW	2019.05.08	NEW RELEASE

NOTE:

- Material:
All Housing: LCP(Polyplastics),Black,Thermoplastics,UL94V-0
Insulation Jacket: LCP(Polyplastics),Black,Thermoplastics,UL94V-0
Contact: Copper Alloy
Mid Plate: Stainless Steel
Outer Shell: Stainless Steel
Inner Shell: Stainless Steel
- FINISH:
Contact: Au 3u" Min.
Au 1u" Min. on Solder Area
80~200u" Nickel Underplating Over All
Mid-Plate: 40~200u" Nickel Over All
Inner & Outer Shell: 40~200u" Nickel Over All
- Outer Shell (Insulator) Minimum Thickness 0.40mm
- Electrical Characteristics:
Current Rating: 5A For Pin(A4,A9,B4,B9)
1.25A For Pin(A1,A12,B1,B5)
0.25A For Others Pin
Insulation Resistance: 100MΩ Min.
Contact Resistance: 50 mΩ Max.
Dielectric Withstanding Voltage: 500V AC/0.1S/0.1mA
- Mechanical Characteristics:
Insertion Force: 5~20N
Extraction Force: Initial: 8~20N
After durability: 6~20N
Durability :10000 Cycles
- Operating Temperature: -30°C TO +85°C
- 防水等级IP45

- ① HOUSING: B:BLACK
② CONTACTS PLATED: 12:接触镀金3u"焊脚区镀金1u"

MATERIAL NO.:

PART NUMBER CODE

REVIEW TABLE FOR DETAILS

QUALITY SYMBOL	GENERAL TOLERANCES (UNLESS SPECIFIED)
0	X.XXXX ±---
0	X.XXX ±0.10
0	X.XX ±0.25
0	X.X ±0.30
0	ANGULAR ±---

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深圳市纬域科技有限公司
SHENZHEN WITAREA TECHNOLOGY CO.,LTD

TITLE
TYPE C 2.0 16PIN RECEPTACLE , TOP-MOUNT, SINGLE ROW SMT ,
CH=3.18MM, L=7.6MM, IP45 WATERPROOF

DOCUMENT NO.
W0026-16-TM1-V5

DIMENSION STYLE
MM ONLY

DESIGN UNITS
METRIC

SCALE
5:1

DRAWN BY
ANDY YANG

DATE
2019.05.08

CHECKED BY
JAMES XIAO

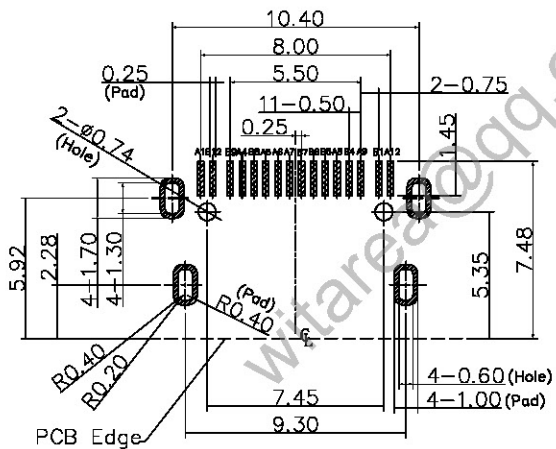
DATE
2019.05.08

APPROVED BY
JASON ZENG

DATE
2019.05.08

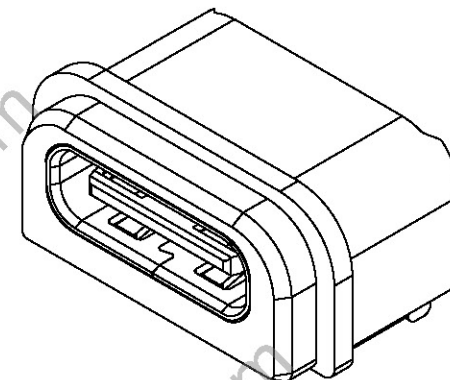
THIRD ANGLE
PROJECTION

frame size: A4



Recommended PCB Layout
General Tolerance ± 0.05

■ Pad Area
Top View



PIN ASSIGNMENT

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CCI	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

9	UP Terminal	Copper alloy	Note.2	1SET
8	Down Terminal	Copper alloy	Note.2	1SET
7	Insulation Jacket	LCP E1304 BK UL 94V-0, HF		1PCS
6	Down Molding			1PCS
5	Up Molding			1PCS
4	Second Molding			1PCS
3	Mid-Plate	Stainless Steel	Note.2	1PCS
2	Inner Shell	Stainless Steel	Note.2	1PCS
1	Outer Shell	Stainless Steel	Note.2	1PCS
项次 NO.	品名 NAME	材料 MATERIAL	表面处理 PLATING	备注 MARK

MATERIAL NO.:

PART NUMBER CODE
REVIEW TABLE FOR DETAILS

QUALITY SYMBOL	GENERAL TOLERANCES (UNLESS SPECIFIED)
0	X.XXXX ± ---
1	X.XXX ± 0.10
2	X.XX ± 0.25
3	X.X ± 0.30
4	ANGULAR ± ---°

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深圳市纬域科技有限公司 SHENZHEN WITAREA TECHNOLOGY CO., LTD		DRAWN BY ANDY YANG	DATE 2019.05.08
TITLE TYPE C 2.0 16PIN RECEPTACLE, TOP-MOUNT, SINGLE ROW SMT, CH=3.18MM, L=7.9MM, IP45 WATERPROOF		CHECKED BY JAMES XIAO	DATE 2019.05.08
DOCUMENT NO. W0026-16-TM-W5		APPROVED BY JASON ZENG	DATE 2019.05.08
DIMENSION STYLE MM ONLY	DESIGN UNITS METRIC	SCALE 5:1	THIRD ANGLE PROJECTION