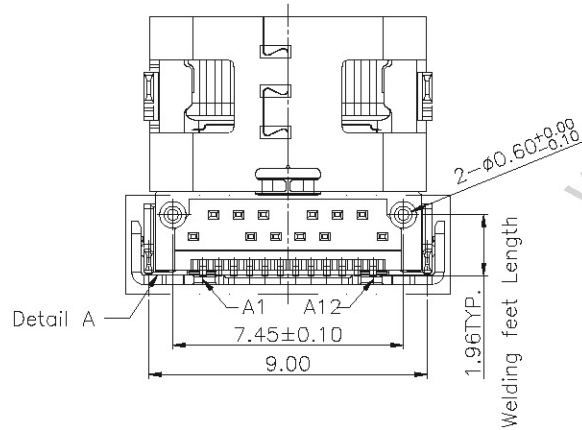
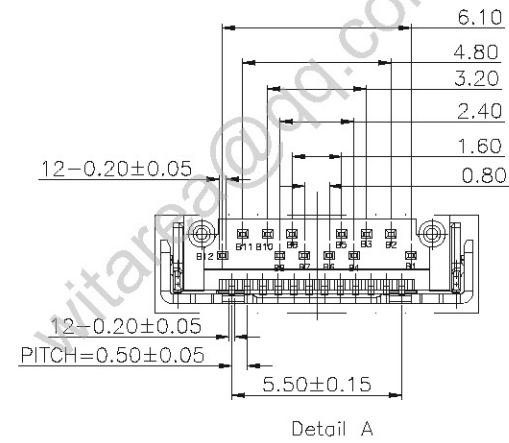
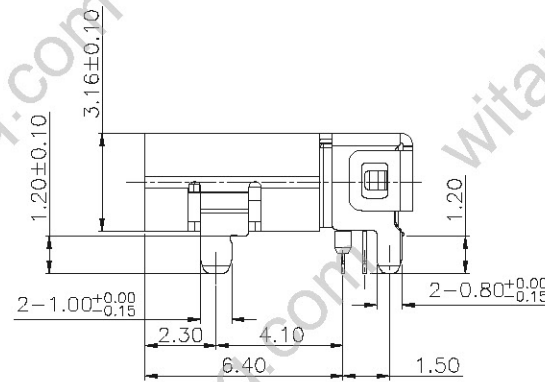
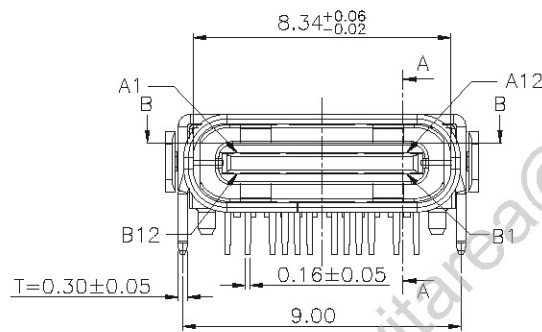
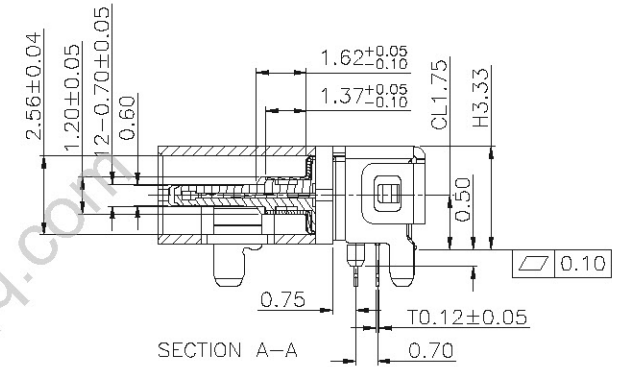
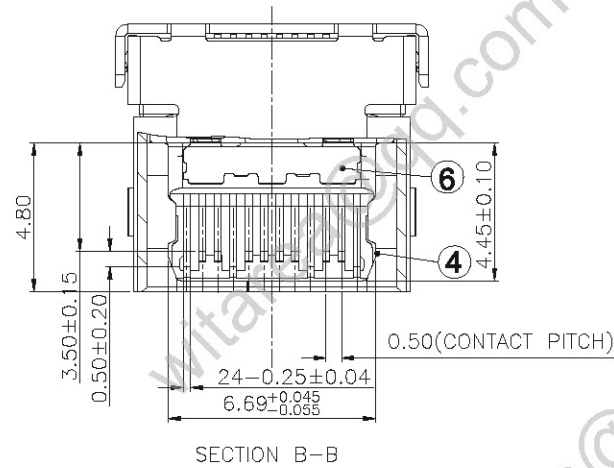
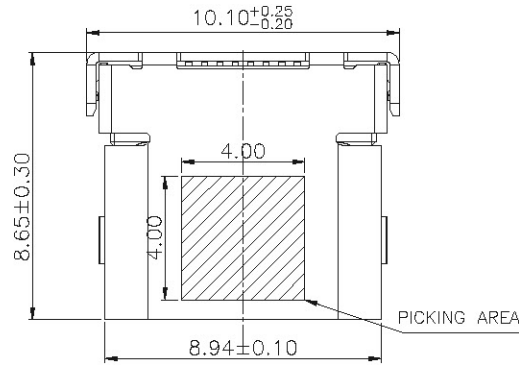


REV	ECN No.	DATE	REMARK
A	NEW	2021.05.23	NEW RELEASE

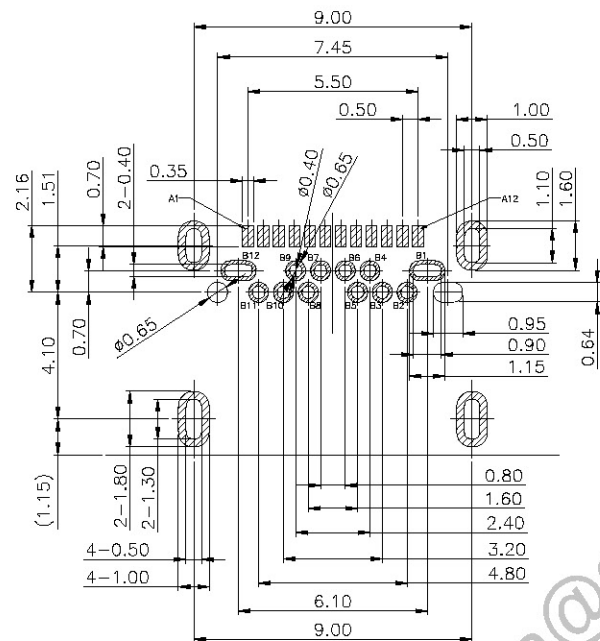


PART NO.:
SEE THE PART NUMBER CODE

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 ± --°

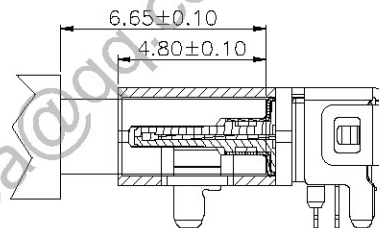
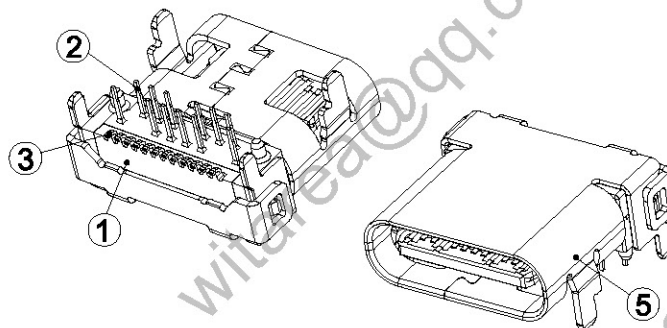
深圳市纬域科技有限公司 SHENZHEN WITAREA TECHNOLOGY CO., LTD		DRAWN BY ANDY YANG	DATE 2021.05.23
TITLE TYPE C 3.1/3.2 24PIN RECEPTACLE , TOP-MOUNT, DIP+SMT, CH=1.75MM, L=8.65MM		CHECKED BY JAMES XIAO	DATE 2021.05.23
DWG.NO. W0026-24-TM3-S11	SHEET NO. 1 OF 2	APPROVED BY JASON ZENG	DATE 2021.05.23
DIMENSION STYLE MM ONLY	DESIGN UNITS METRIC	SCALE 1:1	THIRD ANGLE PROJECTION

frame size: A4	
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RECOMMEND P.C.B LAYOUT (COMPONENT SIDE)

TOLERANCE FOR PCB LAYOUT IS ± 0.05
KEEP OUT AREA



MATED CONDITION (REF.)

NOTE:

- Electrical Characteristics:
 - 1-1: Current Rating: 5A For Pin(A4,A9,B4,B9)
1.25A For Pin(B5)
0.25A For Others Pin
 - 1-2: VOLTAGE RATING: 20V
 - 1-3: Insulation Resistance: 100MΩ Min.
 - 1-4: Contact Resistance:
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
SHIELD: 50mΩ/MAX.
SHIELD: LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 - 1-5: Dielectric Withstanding Voltage: 100V/AC 1Minute
- Mechanical Characteristics:
 - Insertion Force: 5~20N
 - Extraction Force: Initial: 8~20N
 - After durability: 6~20N
 - Durability: 10000 Cycles
- Operating Temperature: -25°C TO +85°C
- MID PLATE, EMC PLATE, SHELL CONNECTED TOGETHER

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND

TYPE:

6	EMC PLATE	SUS301 T=0.10mm	CLEAR ONLY	2PCS
5	SHELL	SUS304 T=0.20mm	NICKEL 30u" MIN PLATING	1PCS
4	SHIELDING PLATE	SUS301 T=0.15mm	CLEAR ONLY	1PCS
3	SMT CONTACT	C18150-H T=0.12mm	Ni 50u" MIN. UNDER PLATED OVER ALL. Au PLATED ON THE FUNCTIONAL AREA OF CONTACT. PLATING TH OF THE SOLDER AREA	1SET
2	DIP CONTACT	C18150-H T=0.12mm	Ni 50u" MIN. UNDER PLATED OVER ALL. Au PLATED ON THE FUNCTIONAL AREA OF CONTACT. PLATING TH OF THE SOLDER AREA	1SET
1	HOUSING	LCP UL94V-0	BLACK	1PCS
NO.	DESCRIPTION	MATERIAL	REMARKS	QTY

PART NO.:
SEE THE PART NUMBER CODE

QUALITY SYMBOL	GENERAL TOLERANCES (UNLESS SPECIFIED)
X.XXXX	± 0.10
X.XXX	± 0.25
X.XX	± 0.30
X.X	± 0.40
ANGULAR	± 0.50

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