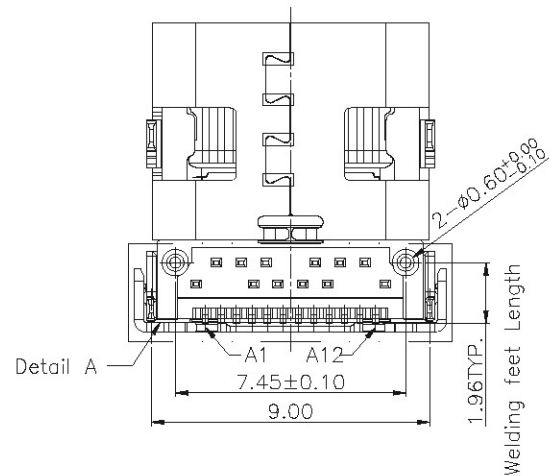
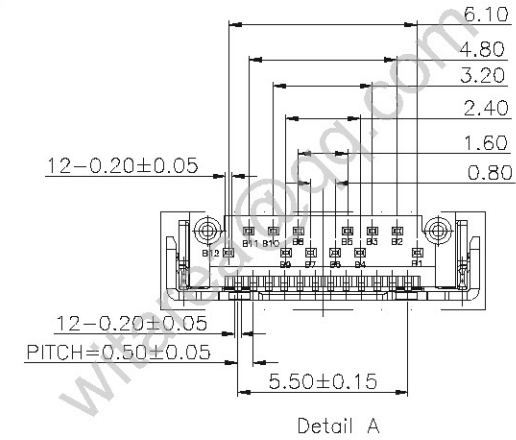
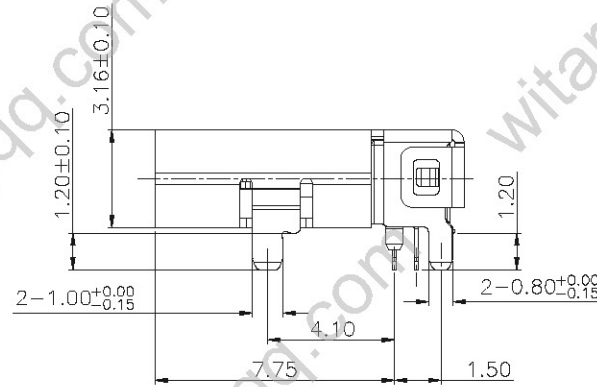
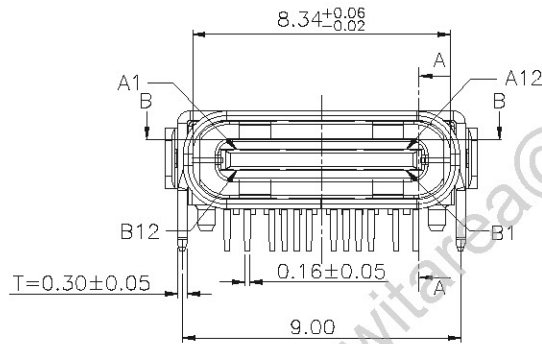
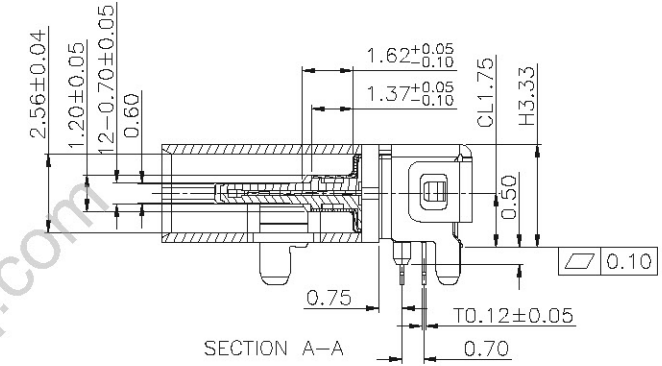
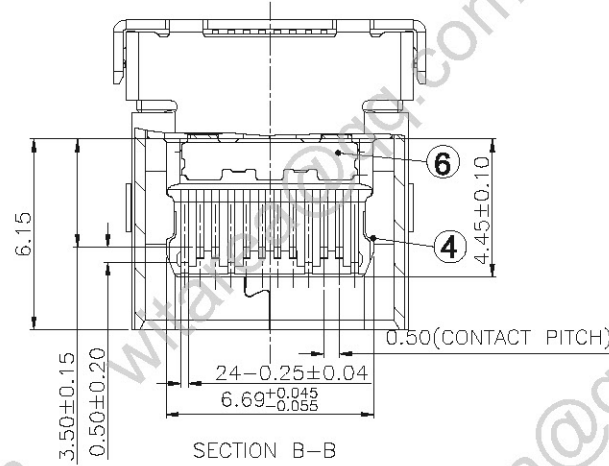
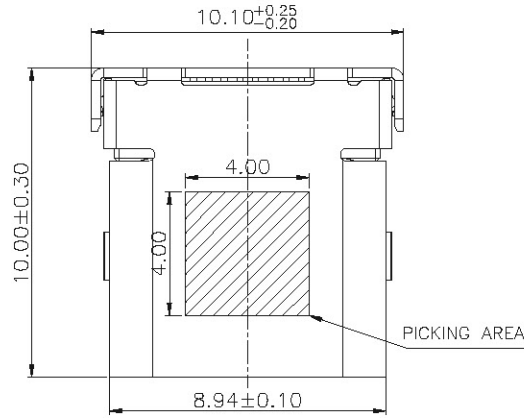


REV	ECN No.	DATE	REMARK
A	NEW	2021.05.23	NEW RELEASE



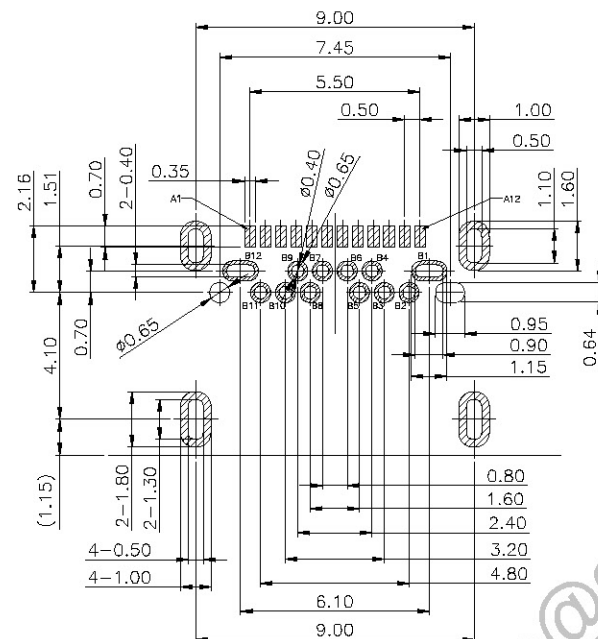
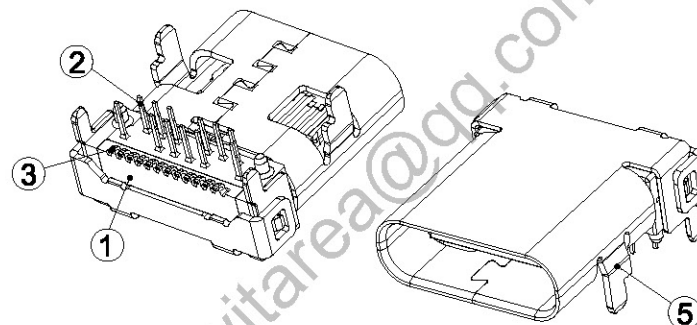
PART NO.:
SEE THE PART NUMBER CODE

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	
TITLE TYPE C 3.1/3.2 24PIN RECEPTACLE , TOP-MOUNT, DIP+SMT, CH=1.75MM, L=10MM	
DWG.NO. W0026-24-TM3-S13	SHEET NO. 1 OF 2
DIMENSION STYLE MM ONLY	DESIGN UNITS METRIC
	SCALE 1:1

DRAWN BY ANDY YANG	DATE 2021.05.23
CHECKED BY JAMES XIAO	DATE 2021.05.23
APPROVED BY JASON ZENG	DATE 2021.05.23
THIRD ANGLE PROJECTION	

1. 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: 100M Ω Min.
 - 1-4: Contact Resistance:
VBUS & GND PINS AND OTHER PINS: 40m Ω /PIN MAX.
SHIELD:50m Ω /MAX.
SHIELD:LLCR MAX. CHANGE OF ALL PINS: 10m Ω .
 - 1-5: Dielectric Withstanding Voltage: 100V/AC 1Minute
2. Mechanical Characteristics:
 - Insertion Force: 5~20N
 - Extraction Force: Initial: 8~20N
 - After durability: 6~20N
 - Durability :10000 Cycles
3. Operating Temperature: -25°C TO +85°C
- 4.MID PLATE, EMC PLATE, SHELL CONNECTED TOGETHER

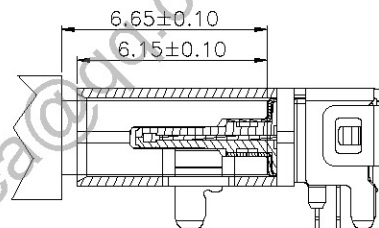


RECOMMEND P.C.B LAYOUT (COMPONENT SIDE)

TOLERANCE FOR PCB LAYOUT IS ± 0.05
KEEP OUT AREA 

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME
A1	GND
A2	SSTXp1
A3	SSTXn1
A4	VBUS
A5	CC1
A6	Dp1
A7	Dn1
A8	SBU1
A9	VBUS
A10	SSRXn2
A11	SSRXp2
A12	GND



MATED CONDITION(REF.)

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

GENERAL TOLERANCES
(UNLESS SPECIFIED)

X.XXXX	$\pm$ ---
X.XXX	$\pm$ 0.10
X.XX	$\pm$ 0.25
X.X	$\pm$ 0.30
ANGULAR	$\pm$ --°

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

TITLE	TYPE C 3.1/3.2 24PIN RECEPTACLE , TOP-MOUNT, DIP+SMT, CH=1.75MM, L=10MM
-------	--

DWG.NO.	W0026-24-TM3-S13	SHEET NO.
---------	------------------	-----------

DIMENSION STYLE
MM ONLY

DESIGN UNITS
METRIC

SHEET NO.
2 OF 2

SCALE
1:1

DRAWN BY	DATE
ANDY YANG	2021.05.23

CHECKED BY	DATE
JAMES XIAO	2021.05.23

APPROVED BY	DATE
JASON ZENG	2021.05.23

