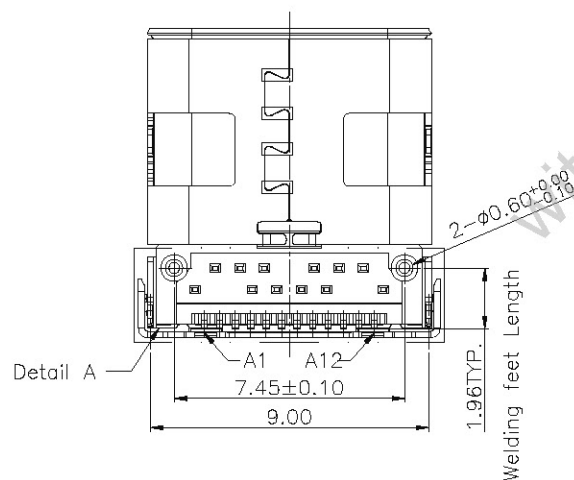
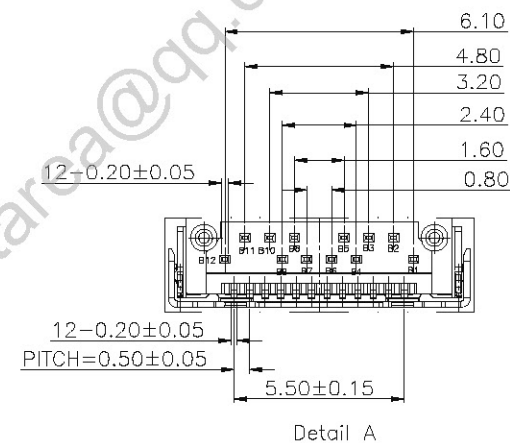
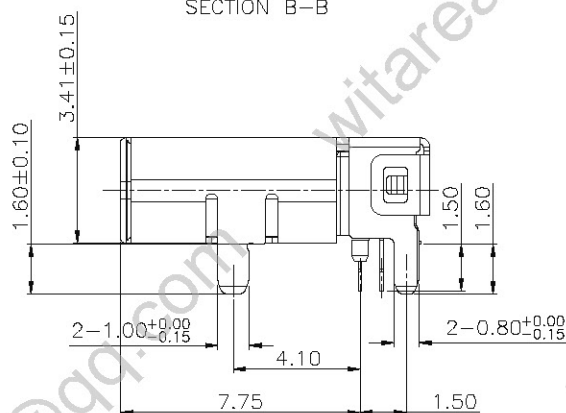
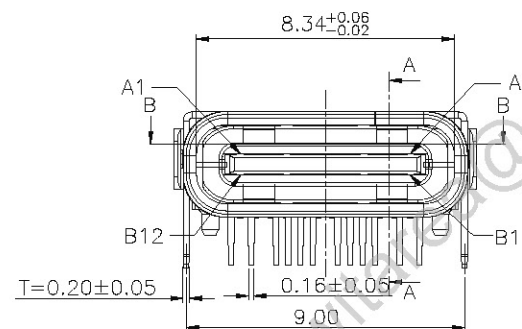
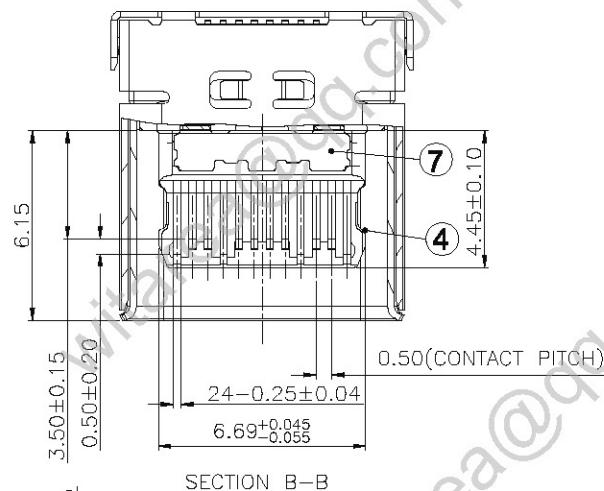


Technical drawing of a mechanical part, labeled SECTION A-A. The drawing shows a cross-section of a component with various dimensions and tolerances. Key dimensions include:

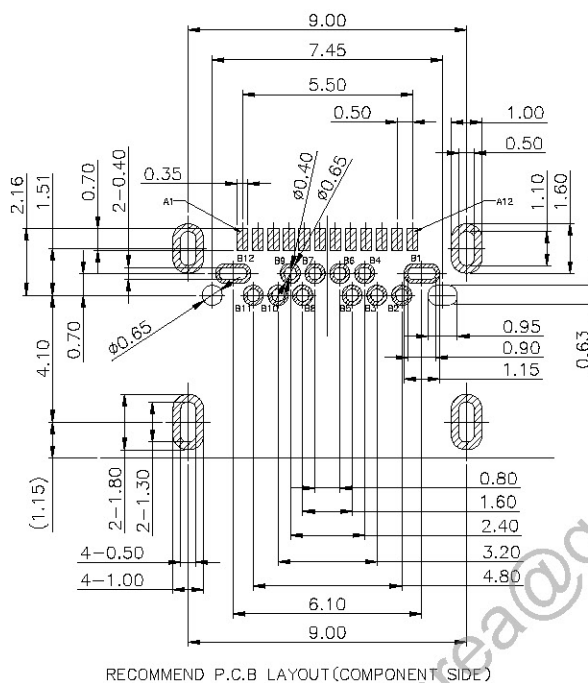
- Overall length: 2.56 ± 0.04
- Dimension from left face to start of thread: 1.20 ± 0.05
- Dimension from left face to end of thread: $2 - 0.70 \pm 0.05$
- Thread length: 0.60
- Dimension from thread end to start of next feature: $1.62^{+0.05}_{-0.10}$
- Dimension from thread end to end of next feature: $1.37^{+0.05}_{-0.10}$
- Dimension from thread end to end of next feature (alternative): $CL1.75$
- Dimension from thread end to end of next feature (alternative): $H3.46$
- Dimension from thread end to end of next feature (alternative): 0.50
- Dimension from thread end to end of next feature (alternative): 0.75
- Dimension from thread end to end of next feature (alternative): $T0.12 \pm 0.05$
- Dimension from thread end to end of next feature (alternative): 0.70
- Surface texture symbol: 0.10



QUALITY SYMBOL = 0 ▽ = 0	PART NO.: SEE THE PART NUMBER CODE		深圳市纬域科技有限公司 SHENZHEN WITAREA TECHNOLOGY CO., LTD			DRAWN BY ANDY YANG	DATE 2021.05.23	
	GENERAL TOLERANCES (UNLESS SPECIFIED)		TITLE TYPE C 3.1/3.2 24PIN RECEPTACLE , TOP-MOUNT, DIP+SMT, WITH BRACKET, CH=1.75MM, L=10MM			CHECKED BY JAMES XIAO	DATE 2021.05.23	
						APPROVED BY JASON ZENG		DATE 2021.05.23
	x.xxxx	± ---	DWG.NO. W0026-24-TM3-S15	SHEET NO. 1 OF 2				
	x.xxx	± 0.10						
x.xx	± 0.25							
x.x	± 0.30							
ANGULAR	± --°							
		DIMENSION STYLE MM ONLY	DESIGN UNITS METRIC	SCALE 1:1	THIRD ANGLE PROJECTION			

NOTE:

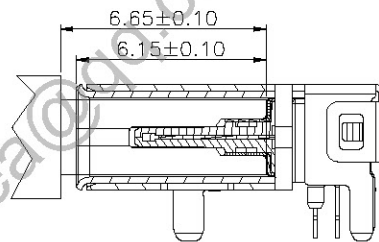
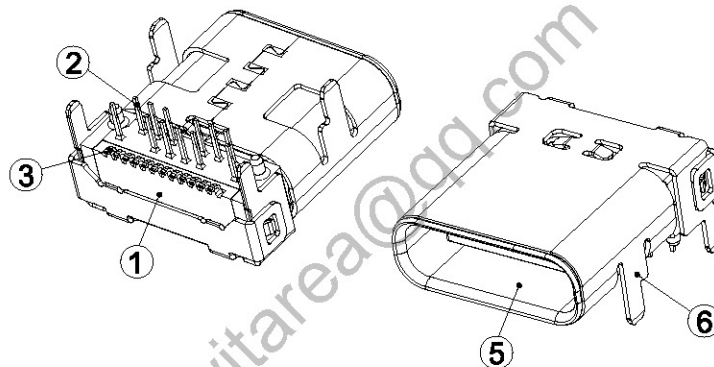
1. Electrical Characteristics:
 - 1-1: Current Rating: 5A For Pin(A4,A9,B4,B9)
1.25A For Pin(B5)
0.25A For Others Pin
 - 1-2: VOLTAGE RATING:20V
 - 1-3: Insulation Resistance: 100MΩ Min.
 - 1-4: Contact Resistance:
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
SHIELD:50mΩ/MAX.
SHIELD:LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 - 1-5: Dielectric Withstanding Voltage: 100V/AC 1Minute
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, SHIELD CONNECTED TOGETHER



TOLERANCE FOR PCB LAYOUT IS ± 0.05
KEEP OUT AREA 

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



MATED CONDITION(REF.)

TYPE:

7	EMC PLATE	SUS301 T=0.10mm	CLEAR ONLY	2PCS	
6	OUTER SHELL	SUS304 T=0.20mm	NICKEL 30u" MIN PLATING	2PCS	
5	INNER 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	NF 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	NF 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, WITH BRACKET, CH=1.75MM, L=10MM
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DWG.NO.	W0026-24-TM3-S15
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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



THIRD ANGLE
PROJECTION