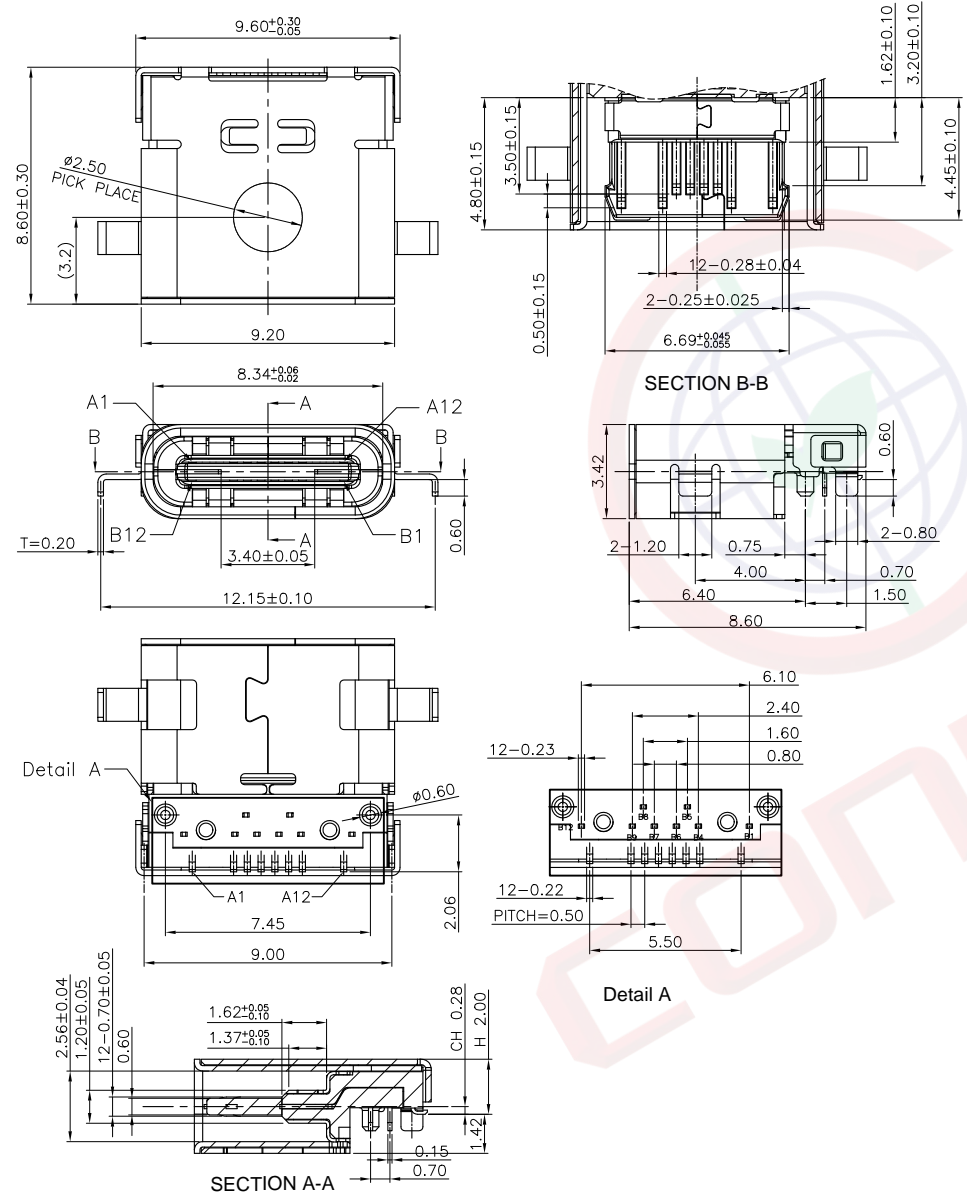


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REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	JLZ 01/19/21'		



**NOTE:**

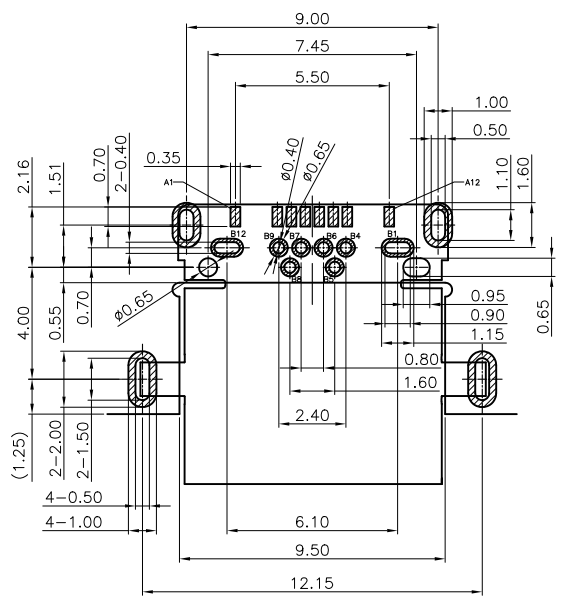
- Material specification:**
  - Housing: High temperature resistant plastic, UL94 V-0.
  - Contacts: Copper alloy
  - Shell: Stainless steel
- Electrical performance:**
  - Current rating: 5.0A (For VBUS)  
Voltage rating: 20.0V
  - LLCR:
    - Vbus & Gnd pins and other pins: 40mΩ/Pin Max.
    - Shield: 50mΩ/Max.
    - LLCR Max. Change of all pins: 10mΩ.
  - Insulation resistance: 100MΩ Min
  - Dielectric withstand voltage, AC 100V for 1 minute.
- Environmental performance:**
  - Operating temperature: -25°C~+85°C.
- Ir reflow:**
  - The peak temperature on the board shall be maintained for 10 seconds at 260°C.
- Product number code:**

DS1144-29 - X X X X X X X 0

- Packing Type: R: Tape On Reel
- Shell Plating: N: Full Nickel
- Housing color: B: Black
- Contact Plating: 4: Selective 3u" gold, 0: Selective gold flash
- Mounting type: S: SMT type
- Connector type: F: Female
- No. of contacts: 16: 16pin

GENERAL TOLERANCE		ANGLE TOLERANCE		PROJECTION	TITLE	
X.	±0.60	X.	±5°		USB Type-C 16P Female Low Profile SMT	
.X	±0.38	.X	±3°	UNITS	Type L=8.65mm Centre-H=0.28mm	
.XX	±0.25	.XX	±2°	SHEET SIZE	A4	SERIES DS1144-29 SERIES
DRAWING TYPE		CUSTOMER		晨翔电子有限公司 CONNPLY CONNPLY ELECTRONIC CO. LTD		
SCALE		1:1				
DRAWING NO.		C-DS1144-29-XXXXXX-A				

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Recommend PCB layout  
(Tolerance:±0.05)

USB TYPE-C FULL-FEATURED RECEPTACLE INTERFACE PIN ASSIGNMENTS

PIN	Signal Name	Description	PIN	Signal Name	Description
A1	GND	Ground return	B12	GND	Ground return
A4	VBUS	Bus Power	B9	VBUS	Bus Power
A5	CC1	Configuration Channel	B8	SBU2	Sideband Use (SBU)
A6	Dp1	Positive half of the USB 2.0 differential pair-Position 1	B7	Dn2	Negative half of the USB 2.0 differential pair-Position 2
A7	Dn1	Negative half of the USB 2.0 differential pair-Position 1	B6	Dp2	Positive half of the USB 2.0 differential pair-Position 2
A8	SBU1	Sideband Use (SBU)	B5	CC2	Configuraation Channel
A9	VBUS	Bus Power	B4	VBUS	Bus Power
A12	GND	Ground return	B1	GND	Ground return

REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	JLZ 01/19/21'		

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DS1144-29 - X X X X X X X 0

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X.	±0.60	X.	±5°	UNITS	mm	Type L=8.65mm Centre-H=0.28mm	
.X	±0.38	.X	±3°	SHEET SIZE	A4	SERIES	DS1144-29 SERIES
.XX	±0.25	.XX	±2°	<b>晨翔电子有限公司</b> CONNPLY CONNPLY ELECTRONIC CO. LTD			
DRAWING TYPE		CUSTOMER					
SCALE	1:1	SHEET	2 OF 2				
DRAWING NO.		C-DS1144-29-XXXXXX-A					