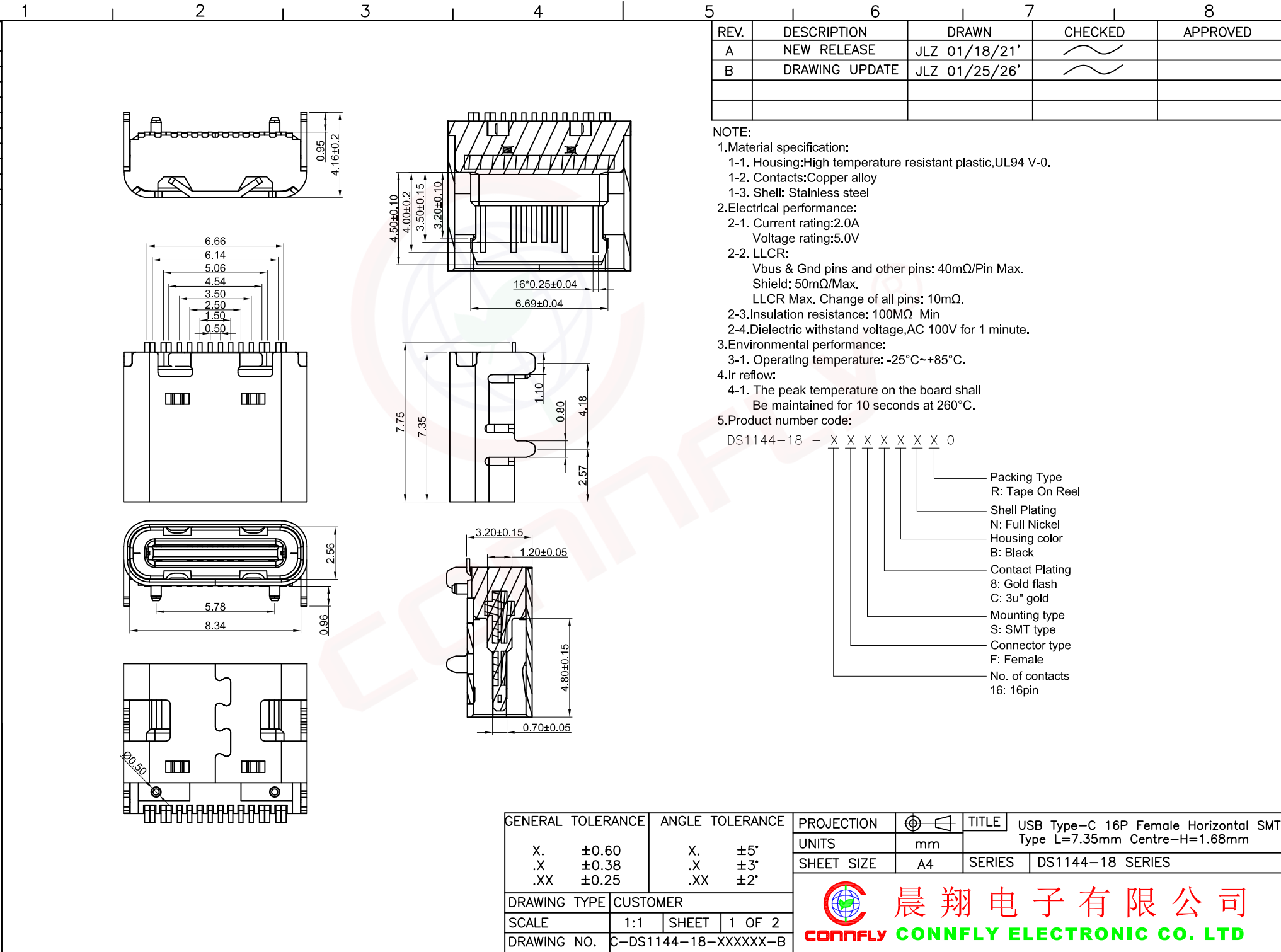


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REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	JLZ 01/18/21'		
B	DRAWING UPDATE	JLZ 01/25/26'		

NOTE:

- Material specification:
 - Housing: High temperature resistant plastic, UL94 V-0.
 - Contacts: Copper alloy
 - Shell: Stainless steel
- Electrical performance:
 - Current rating: 2.0A
Voltage rating: 5.0V
 - 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:

DS1144-18 - 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
 8: Gold flash
 C: 3u" gold
 Mounting type
 S: SMT type
 Connector type
 F: Female
 No. of contacts
 16: 16pin

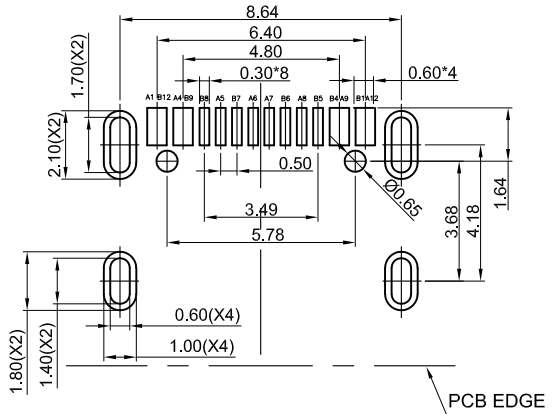
GENERAL TOLERANCE		ANGLE TOLERANCE		PROJECTION	TITLE
X.	±0.60	X.	±5°		USB Type-C 16P Female Horizontal SMT
.X	±0.38	.X	±3°	mm	Type L=7.35mm Centre-H=1.68mm
.XX	±0.25	.XX	±2°	A4	SERIES DS1144-18 SERIES
DRAWING TYPE		CUSTOMER		晨翔电子有限公司 CONNFLY CONNFLY ELECTRONIC CO. LTD	
SCALE		1:1 SHEET 1 OF 2			
DRAWING NO.		C-DS1144-18-XXXXXX-B			

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1 2 3 4 5 6 7 8

Dept	
Qty	
DC	1
ED	1
IE	1
ISO	1
PD	1
R&D	1
SD	1
QA	1
QC	1
QF	1

REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	JLZ 01/18/21'		
B	DRAWING UPDATE	JLZ 01/25/26'		



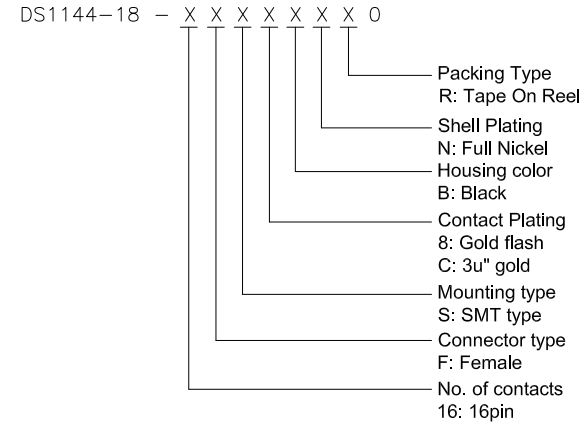
Recommend PCB layout
(Tolerance:±0.05)

USB Type-C Pin Assignments

Pin Number	Signal Name	Pin Number	Signal Name
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

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GENERAL TOLERANCE		ANGLE TOLERANCE		PROJECTION		TITLE	USB Type-C 16P Female Horizontal SMT		
X.	±0.60	X.	±5°	UNITS	mm	Type L=7.35mm Centre-H=1.68mm			
.X	±0.38	.X	±3°	SHEET SIZE	A4	SERIES	DS1144-18 SERIES		
.XX	±0.25	.XX	±2°						
DRAWING TYPE		CUSTOMER		晨翔电子有限公司 CONNFLY CONNELY ELECTRONIC CO. LTD					
SCALE		1:1	SHEET						2 OF 2
DRAWING NO.		C-DS1144-18-XXXXXX-B							

1 2 3 4 5 6 7 8