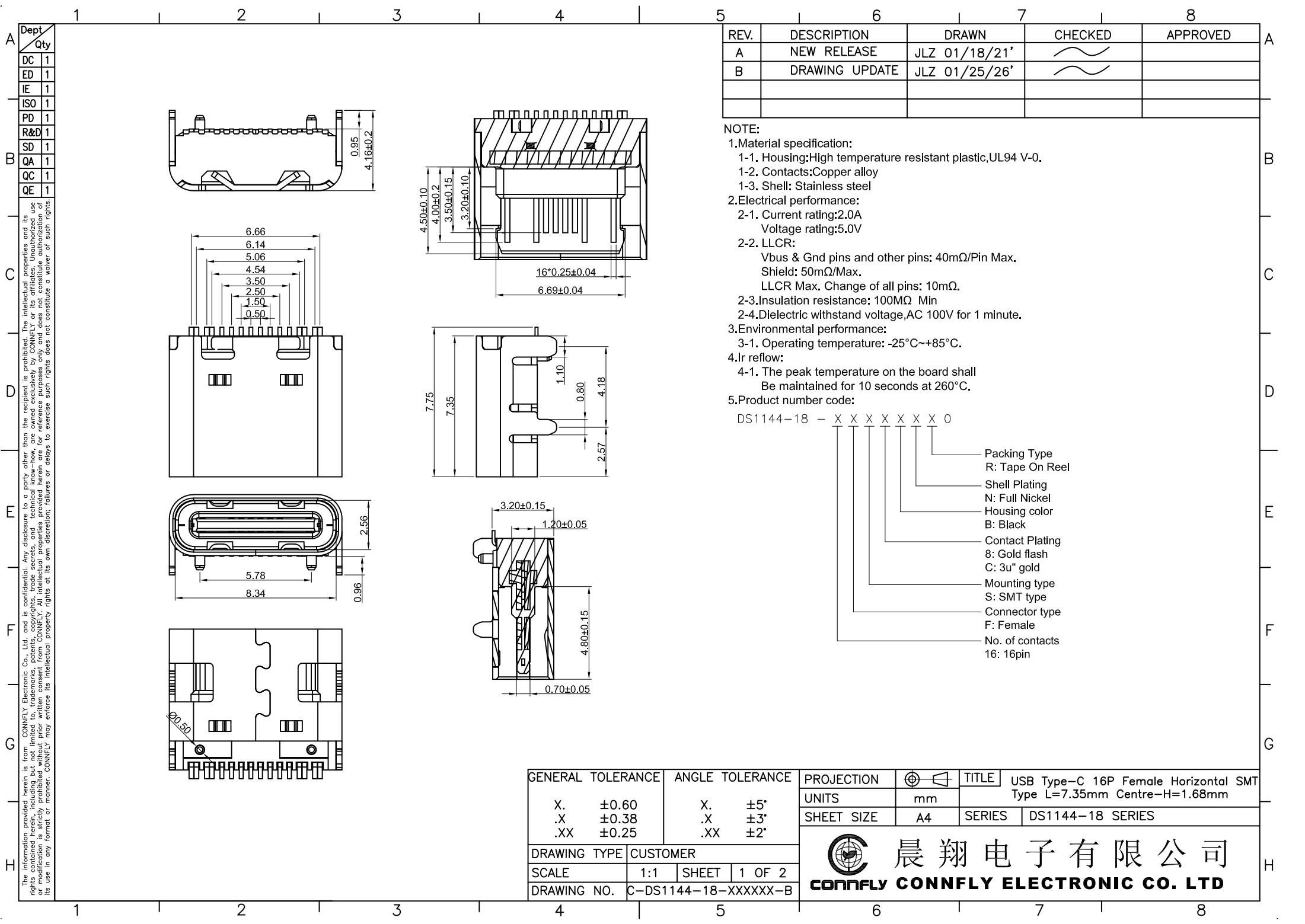




Dept

Qty

DC

1

ED

1

IE

1

ISO

1

PD

1

R&D

1

SD

1

QA

1

QC

1

QE

1

1

2

3

4

5

6

7

8

REV.

DESCRIPTION

DRAWN

CHECKED

APPROVED

A

NEW RELEASE

JLZ 01/18/21'

B

DRAWING UPDATE

JLZ 01/25/26'

NOTE:

1.Material specification:

1-1. Housing:High temperature resistant plastic,UL94 V-0.

1-2. Contacts:Copper alloy

1-3. Shell: Stainless steel

2.Electrical performance:

2-1. Current rating:2.0A

Voltage rating:5.0V

2-2. LLCR:

Vbus & Gnd pins and other pins: 40mΩ/Pin Max.

Shield: 50mΩ/Max.

LLCR Max. Change of all pins: 10mΩ.

2-3.Insulation resistance: 100MΩ Min

2-4.Dielectric withstand voltage,AC 100V for 1 minute.

3.Environmental performance:

3-1. Operating temperature: -25°C~+85°C.

4.Ir reflow:

4-1. The peak temperature on the board shall

Be maintained for 10 seconds at 260°C.

5.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

1.80(X2)

1.40(X2)

0.60(X4)

1.00(X4)

1.70(X2)

2.10(X2)

0.60*4

0.30*8

0.50

3.49

5.78

0.60

0.65

3.68

4.18

1.64

8.64

6.40

4.80

A1

B12

A9

B9

A5

B7

A6

B6

A8

B5

A4

B4

A12

B1

PCB EDGE

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

GENERAL TOLERANCE

ANGLE TOLERANCE

PROJECTION

TITLE

UNITS

SHEET SIZE

DRAWING TYPE

CUSTOMER

SCALE

DRAWING NO.

X.

±0.60

.X

±0.38

.XX

±0.25

X.

±5°

.X

±3°

.XX

±2°

mm

A4

SERIES

DS1144-18 SERIES

C-DS1144-18-XXXXXX-B

晨翔电子有限公司

CONNFLY CONNFLY ELECTRONIC CO. LTD

USB Type-C 16P Female Horizontal SMT

Type L=7.35mm Centre-H=1.68mm