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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

A
B
C
D
E
F
G
H

REV. DESCRIPTION DRAWN CHECKED APPROVED

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:3.0A
Voltage rating:20.0V
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: -30℃~+80℃.
4.Ir reflow:
4-1. The peak temperature on the board shall
Be maintained for 10 seconds at 260℃.
5.Product number code:
DS1144-65 - 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
Mounting type
R: R/A type
Connector type
F: Female
No. of contacts
16: 16pin

8.97±0.30
8.34^{+0.06}_{-0.02}
2.54±0.04
16-0.18
8.64±0.30
4.35±0.30
3.14
1.78
1.57
2-1.30
3.40
2-0.90
1.42
0.50
1.35
1.53
4.15
6.02
0.85
2.98
5.95
T=0.80

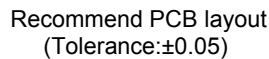
PCB Bottom Surface

GENERAL TOLERANCE
X. ±0.60
.X ±0.38
.XX ±0.25
ANGLE TOLERANCE
X. ±5°
.X ±3°
.XX ±2°
PROJECTION
UNITS mm
SHEET SIZE A4
TITLE
USB Type-C 16P Female R/A Type
L=8.97mm Centre-H=1.57mm
SERIES DS1144-65 SERIES

DRAWING TYPE CUSTOMER
SCALE 1:1 SHEET 1 OF 2
DRAWING NO. C-DS1144-65-XXXXXX-A

晨翔电子有限公司
CONNELY CONNELY ELECTRONIC CO. LTD

A	Dept	
	Qty	
	DC	1
	ED	1
	IE	1
B	ISO	1
	PD	1
	R&D	1
	SD	1
	QA	1
	QC	1
	QE	1



PIN ASSIGNMENT

GENERAL TOLERANCE		ANGLE TOLERANCE	
X.	±0.60	X.	±5°
.X	±0.38	.X	±3°
.XX	±0.25	.XX	±2°
DRAWING TYPE	CUSTOMER		
SCALE	1:1	SHEET	2 OF 2
DRAWING NO.	C-DS1144-65-XXXXXX-A		

REV.	DESCRIPTION	DRAWN
A	NEW RELEASE	JLZ 01/18/21'

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: 3.0A
Voltage rating: 20.0V
 - 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: -30°C~+80°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:

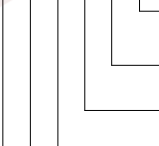


Diagram illustrating the specifications for a 16-pin connector:

- Packing Type
R: Tape On Reel
- Shell Plating
N: Full Nickel
- Housing color
B: Black
- Contact Plating
8: Gold flash
- Mounting type
S: SMT type
- Connector type
F: Female
- No. of contacts
16: 16pin

