



PCB LAYOUT

Specification:

Electrical Characteristics:

Contact Current Rating: 1.8 A
 Dielectric Withstanding Voltage: AC 100V.
 Insulation Resistance: 100 MΩ Min.

Contact Resistance:

30 mΩ (Max) initial for VBUS and GND contacts.
 50 mΩ (Max) initial for all other contacts.

Mechanical Characteristics:

Insertion Force: 35N(3.57Kgf) MAX
 Extraction Force: 10N(1.02Kgf) Min

Material & Plating:

Terminal: Phosphor Bronze&Brass
 Under Plating: 1.25um Nickel (All Area)
 Solder Area Plating: SEE NOTES
 Shell: SEE NOTES
 Shell Plating: SEE NOTES
 Housing: SEE NOTES

Part No: WCT-USB3-04 A F2 09 1 A1 2 2 S 3 E
 1 2 3 4 5 6 7 8 9 10 11

1. Products Distination: USB3=USB 3.0
2. Type Difference: A=A Type
3. Specifications Distination: F2=Female To Board
4. Pin: 09=9Pin
5. Housing Material: 1=PBT
6. Special Practice: A1=DIP 90 With Curl & Rear Cap
7. Shell Material: 2=C2680
8. Housing Color: 2=Blue
9. Contact Plating: S=Gold Flash C=15u'
10. Package: 3=Tray
11. Environmental: E=RoHS(Bright)



Title	USB 3.0 A Type 9P Female DIP 90° With Curl & Shell Foot kinkt					
Tolerances	<i>Drawer</i>	<i>Naomi</i>	<i>Part No:</i>			
<i>Linear</i>	<i>Checked</i>	<i>Summer</i>	WCT-USB3-04AF2091A122S3E			
X ±0.15	<i>Approved</i>	<i>Macus</i>	<i>Cus. Part No:</i>			
.X ±0.05	<i>Date</i>	2017.07.04	WCT-USB3-04AF2091A122S3E			
Angles	<i>Projection</i>	<i>Version</i>	<i>Size</i>	<i>A4</i>	<i>Units</i>	<i>mm</i>
± 3°		A	<i>Scale</i>	1:1	<i>Sheet</i>	1/1