MATERIALS
1. HOUSING: LCP-UL94 V-0, BLACK.
2. TERMINAL: COPPER ALLOY.
   GOLD PLATING ON CONTACT AREA.
   GOLD FLASH PLATING ON SOLDER TAILS.
   UNDER NICKEL PLATING OVER ALL.
3. MID PLATE: STAINLESS STEEL, CLEAR ONLY.
4. FRONT SHELL: STAINLESS STEEL.
   UNDER NICKEL PLATING OVER ALL.
5. EMI PLATE: STAINLESS STEEL, CLEAR ONLY.

SPECIFICATION
1. CURRENT RATING: 3.0A MAX.
2. VOLTAGE RATING: 5.0V
3. DIELECTRIC WITHSTANDING VOLTAGE:
   100V AC R.M.S. FOR ONE MINUTE.
4. INSULATION RESISTANCE: 100MΩ MIN.
5. CONTACT RESISTANCE:
   VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
   SHIELD: 50mΩ/MAX.
   LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
6. INSERTION FORCE: 0.5~2.0kgf.
7. EXTRACTION FORCE: 0.8~2.0kgf.
8. DURABILITY: 10,000 CYCLE
9. OPERATING TEMPERATURE: -25°C TO +85°C.
10. IN REWORK: THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.

PART NUMBER INFORMATION:
236F314-XN001D-X

SERIES CODE
DIP FEMALE
USB C TYPE
NUMBER OF POSITIONS
R.RoHS
H.HALOGEN FREE
FOLLOW NUMBER
CONTACT PLATING OPTION:
0: GOLD FLASH
3: 15µ GOLD
6: 30µ GOLD

GENERAL TOLERANCE

Astron®
ASTRON TECHNOLOGY CORP.

DRAWER
CHECK
USB C TYPE 14PIN FEMALE
PACKAGE SPEC.
CONFIDENTIAL
DRAW NO. 236F314-XN001D-X

SCALE SIZE SHEET REV.
NONE A4 1 OF 3 B
USB TYPE-C PIN ASSIGNMENTS

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<tbody>
<tr>
<td>A1</td>
<td>GND</td>
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<tr>
<td>A4</td>
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<td>CC1</td>
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<td>A9</td>
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<td>GND</td>
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RECOMMENDED P.C.B LAYOUT (TOP VIEW)
THICKNESS 1.6±0.10MM; TOLERANCE ±0.05
QUANTITY:
1. 170PCS/TRAY.
2. 40TRAY/6800PCS/CARTON.