MATERIALS
1. HOUSING: L.C.P E1301 (UL 94V-0), BLACK.
2. TERMINAL: C70255, (t=0.12mm).
GOLD PLATED ON CONTACT AREA,
GOLD FLASH PLATED ON SOLDER TAIL,
UNDER NICKEL PLATED OVER ALL.
3. DIP PLATE: SUS301, (t=0.15mm), NICKEL 50u" MIN. PLATING.
4. MID PLATE: SUS301, (t=0.15mm).
5. INNER SHELL: SUS304, (t=0.20mm).
6. OUTER SHELL: SUS304, (t=0.30mm), NICKEL 50u" MIN. PLATING.

SPECIFICATION
1. CURRENT RATING:
   5A for VBUS (A4,A9,B4,B9)
   1.25A for VCONN PIN(B5)
   WITH RETURN PATH THROUGH THE
   CORRESPONDING GND PIN(A1,A12,B1,B12).
   0.25A for ALL OTHER PINS
2. DIELECTRIC WITHSTANDING VOLTAGE:
   100V AC R.M.S. FOR ONE MINUTE.
3. INSULATION RESISTANCE:
   100MO MIN.
4. CONTACT RESISTANCE:
   40mΩ MAX.
5. OPERATING TEMPERATURE:
   -55°C ~ +85°C.
6. INSERTION FORCE:
   5~20N
7. EXTRACTION FORCE:
   8~20N
8. DURABILITY:
   10,000 CYCLES.

PART NUMBER INFORMATION:
237FC24-XN137T-H
SERIES CODE
SMT+DIP
FEMALE
CONTACT PLATING OPTION:
0: GOLD FLASH
6: 30u" GOLD

WWW.ASTRON.COM.TW
PIN ASSIGNMENTS

<table>
<thead>
<tr>
<th>A12</th>
<th>A11</th>
<th>A10</th>
<th>A9</th>
<th>A8</th>
<th>A7</th>
<th>A6</th>
<th>A5</th>
<th>A4</th>
<th>A3</th>
<th>A2</th>
<th>A1</th>
</tr>
</thead>
<tbody>
<tr>
<td>GND</td>
<td>Main Link 0+</td>
<td>Main Link 0−</td>
<td>VBUS</td>
<td>SBU1</td>
<td>USB2.0(D−)</td>
<td>USB3(TX−)</td>
<td>USB2.0(D+)</td>
<td>USB3(TX+)</td>
<td>CC1</td>
<td>VBUS</td>
<td>Main Link 2−</td>
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<tr>
<td>GND</td>
<td>Main Link 1+</td>
<td>Main Link 1−</td>
<td>VBUS</td>
<td>VCONN</td>
<td>USB3(RX+)</td>
<td>USB3(RX−)</td>
<td>SBU2</td>
<td>VBUS</td>
<td>Main Link 3−</td>
<td>Main Link 3+</td>
<td>GND</td>
</tr>
<tr>
<td>B1</td>
<td>B2</td>
<td>B3</td>
<td>B4</td>
<td>B5</td>
<td>B6</td>
<td>B7</td>
<td>B8</td>
<td>B9</td>
<td>B10</td>
<td>B11</td>
<td>B12</td>
</tr>
</tbody>
</table>

RECOMMENDED REFERENCE PLUG
Astron P/N: 238MC24-6N006T-H
LEADING SECTION
10 PCS EMPTY

COMPONENTS
(PRODUCT 400PCS)

END SECTION
10 PCS EMPTY

10 REEL

CLAPBOARD

COVER TAPE

CARRIER TAPE

165°~180°

WATERPROOFING BAG

CUSHION(x4)

CARTRON

QUANTITY
1. 400PCS/PER REEL
2. 4000 PCS/10 REEL/PER CARTON

TOLERANCE
.0±±0.25
.0±±0.15
.00±±0.05
ANG.=±3°

PRODUCT SPEC.

NAME USB C TYPE FEMALE
HIGH RISE : CH=3.40mm
SMT+DIP TYPE

DRAWER 233
CHECK 8336
APP'D ASIAN

UNITS : mm

DRAW NO. 237FC24—XN137T—H

SCALE NONE SIZE A4 SHEET 3 OF 3 REV. B T0123