DESCRIPTION:
High performance for maximum EMI suppression
Jack cavity conforms to FCC rules and regulations
PART 68 SUBPART F
DIRECTION FORCE:
6 CONTACTS —— 360g
2 CONTACTS —— 90g
IMPERIAL:
RoHS green solder temperature rating 230°C
High performance for maximum EMI suppression
NOTE:
1. Tolerance : POG ±0.05mm
2. Connector dimensions comply with POG &A.5 dimension requirements

NOTICE:
RoHS compliant

1. Recommend Plug Dim

DIM. TOL. UNIT: mm
XX ±0.30
XXX ±0.20
XXXX ±0.15
GENERAL ANGLE: 1.5°
SCALE: 1:1
SHEET: 1 of 2
DRAWN:
CHECKED:
APPROVED:

STANDARD MODULAR PLUG ASSEMBLY

All dimensions follow:
FCC subpart F, 25013. Figure (C)(K)
ERG 50639-7

REV.
DESCRIPTION
ECN NO.
NAME
DATE

TAB-UP 25.4 SMT 1X1Port 10/100/1000BASE W/ SHELL W/ LED

Dongguan BiopTech Electronic Technology Co., Ltd.

TITLE:
D50SMT(20-90)G6-113-P213-C92

PART NO.
2. TRANSFORMER ELECTRICAL SPECIFICATIONS AT 25°C:

<table>
<thead>
<tr>
<th>Insertion Loss (dB min.)</th>
<th>Return Loss (dB min.)</th>
<th>Drain bdk (5 min.)</th>
<th>C.M.R. (5 min.)</th>
<th>E.i. - pe (V RMS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 - 12 MHz</td>
<td>1 - 50 MHz</td>
<td>1 - 50 MHz</td>
<td>1 - 50 MHz</td>
<td>1 - 50 MHz</td>
</tr>
<tr>
<td>-1.2</td>
<td>-16</td>
<td>-18</td>
<td>-18</td>
<td>-10</td>
</tr>
<tr>
<td></td>
<td>-40</td>
<td>-55</td>
<td>-60</td>
<td>-40</td>
</tr>
<tr>
<td></td>
<td>9000s/1min</td>
<td></td>
<td></td>
<td>15000</td>
</tr>
</tbody>
</table>

3. SCHEMATIC:

![Schematic Diagram]

4. Pin Assignment For PCB Layout

![Pin Assignment Diagram]

5. ORDER INFORMATION

- B: Product Code
- N: Order Code
- Z: Batch Code
- G: Group Code
- X: Model Code
- M: Module Code
- A: Application Code
- B: Board Code
- C: Circuit Code
- D: Design Code
- E: Environment Code
- H: Handle Code
- I: Information Code

LED Specification:

- Standard LED Color: Green, Yellow
- Wavelengths: 560-590nm, 590-610nm
- Forward (V Max): 2.5V
- Typical (V Typ): 2.1-2.2V
- Luminous Intensity: 9-25mcd, 9-25mcd

6. REVOLUTIONS

- Article: B-TOP-001
- Title: B50SMT(28-90)G6-113-P213-C92
- Description: TAB-UP 21.6 SMT 1x2Port 10/100/1000BASE W/ SHELL W/ LED
- Layer: XXXX
- Approved: