DESCRIPTION:
BAL-359 With Internal Magnesium Connector
Designed to support such applications as Ethernet Equipment Complex, Switch, Access Router, Firewall, Cameras and Phone
Internal magnets are 100% electrically tested for functionality per IEC61806-2/34 requirements

ELECTRICAL:
Use peak wave solder temperature rating 280℃
High performance for maximum EMI suppression
JACK CAVITY CONFORMS TO PCC RULES AND REC ITC/1PAI /PART OR SUBPART P.
DIRECTION FORCE: 6 CONTACTS--25g 8 CONTACTS--50g
10 CONTACTS--100g

MECHANICAL:
KEystone dimension: 7.7mm BETWEEN JACK AND PLUG
DISAPPEARANCE: 700 LIFE CYCLES MIN.
HOLDING: 1) GLASS FILLED PAP (UL 946-V0)
2) GLASS FILLED PAP (UL 946-V0)
3) GLASS FILLED PAP (UL 946-V0)

MATERIALS:
SPRING WIRE:
1) 0.8-0.45mm INL PROFESSIONAL SWINGING GOLD PLATING OVER NICKEL
2) 0.8-0.55mm THICKNESS PROFESSIONAL ALLOY SELECTIVE GOLD
PLATING OVER NICKEL
COLD PLATING: 460µ±10µ, 55µs, 55µs, 60µs
WORKING TEMPERATURE: -40℃-70℃

TOLERANCES UNLESS OTHERWISE SPECIFIED:
+0.005, -0.002, 10-20, 7, 10-20, 4.0-7, 10-20, 4.0

1. Recommend Plug Dim

NOTES:
1. Tolerances: ±0.05mm
2. Connector dimensions comply with IEC 61.5 dimension requirements

Dongguan TopTech Electronic Technology Co., Ltd.

**REV.** DESCRIPTION **ECN NO.** NAME DATE

**APPROVED:****CHECKED:****DRAWN:**

**PART NO.:****SHEET:** 1 OF 2

**GENERAL ANGLE: 23°**
4. Pin Assignment For PCB Layout

5. ORDER INFORMATION

LED Specification

<table>
<thead>
<tr>
<th>LED Color</th>
<th>Wavelength (nm)</th>
<th>Forward Voltage (V)</th>
<th>Typical Intensity (lm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green</td>
<td>560-580</td>
<td>2.5</td>
<td>20-22</td>
</tr>
<tr>
<td>White</td>
<td>590-600</td>
<td>2.5</td>
<td>20-22</td>
</tr>
<tr>
<td>Orange</td>
<td>590-610</td>
<td>2.5</td>
<td>20-22</td>
</tr>
</tbody>
</table>

B-N (Z) X-M-A B C D E H I

Dimensional Information:

- Tolerance ±0.25 mm unless otherwise specified.
- All holes are 4.2 mm unless otherwise specified.
- All angles are 90° unless otherwise specified.
- All dimensions are in millimeters unless otherwise specified.

Printed Circuit Board Information:

- Perpendicular to 90° within ±0.25 mm.
- All mounting holes are 4.2 mm unless otherwise specified.
- All angles are 90° unless otherwise specified.
- All dimensions are in millimeters unless otherwise specified.

Miscellaneous Information:

- All solderMask (red) is 25 µm in thickness.
- All solderMask (green) is 25 µm in thickness.
- All solderMask (silver) is 25 µm in thickness.
- All solderMask (black) is 25 µm in thickness.

The kit is certified to RoHS.