1. MECHANICAL DIMENSIONS:

NOTES:
1. MATERIALS:
   - HOUSING: HIGH TEMPERATURE PBT UL94V-0 BLACK
   - CONTACTS: T=0.3PHOSPHOR BORNZE, NICKEL UNDERPLATE ON ALL AREA, TIN ON TERMINATION END, WITH 50μ" GOLD IN CONTACT AREA
   - SHIELD: T=0.20mm, NICKEL 50μ" MIN PLATING.
2. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS PART 68, SUBPART F

PART NO:
XMG-04G-A1-H32-152

RECOMMENDED PLUG DIMENSION:
5.89±0.127[0.232±0.005]
2. PCB LAYOUT

3. LED CONFIGURATION:

<table>
<thead>
<tr>
<th>Color</th>
<th>Lens Color</th>
<th>Vf(v) @20mA</th>
<th>IV(mcd) @10mA</th>
<th>Viewing angle</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yellow</td>
<td>Yellow Diffused</td>
<td>1.7</td>
<td>2.8</td>
<td>3.0</td>
</tr>
<tr>
<td>Green</td>
<td>Green Diffused</td>
<td>1.7</td>
<td>2.8</td>
<td>3.5</td>
</tr>
</tbody>
</table>

SUGGESTED PCB LAYOUT (TOP VIEW)
3. SCHMATIC:

4. ELECTRICAL CHARACTERISTICS:

TEST NOTES: (25±5°C)

1. TR: (100kHz, 0.1V);
   PINS: (P1, P2): (J1, J2) = 1:1±3%, (P3, P4): (J3, J6) = 1:1±3%
   PINS: (P7, P8): (J4, J5) = 1:1±3%, (P9, P10): (J7, J8) = 1:1±3%

2. LX: (100kHz, 100mV, 8mA, DC Bias)
   PINS: (P1, P2), (P3, P4), (P7, P8), (P9, P10) = 350μH MINIMUM

3. DCR:
   PINS: (J1, J2), (J3, J6), (J4, J5), (J7, J8) = 1.2 OHMS MAXIMUM

4. HIPOT:
   PINS(P1, P2) TO (J1, J2), (P3, P4) TO (J3, J6) = 1500VAC FOR 2 SECONDS
   PINS(P7, P8) TO (J4, J5), (P9, P10) TO (J7, J8) = 1500VAC FOR 2 SECONDS

5. INSERTION LOSS:
   -1.0dB MAXIMUM AT 0.3MHz TO 100MHz;

6. RETURN LOSS:
   -20dB MINIMUM AT 1MHz TO 30MHz;
   -15dB MINIMUM AT 30MHz TO 60MHz
   -10dB MINIMUM AT 60MHz TO 80MHz

7. CROSS TALK:
   -30dB MINIMUM AT 1MHz TO 100MHz

8. COMMON TO COMMON MODE REJECTION:
   -30dB MINIMUM AT 1MHz TO 100MHz