SERIES LP1 SWITCHES

ILLUMINATED PUSHBUTTON

FEATURES & BENEFITS
- Panel Mount
- Multiple Illumination options
- Aesthetic look

APPLICATIONS / MARKETS
- Computer Servers/peripherals
- Performance Audio
- Instrumentation
- Telecommunications/networking

MECHANICAL SPECIFICATIONS
- Mechanical Life: 50,000 cycles
- Force: 250 +/- 100 gf
- Travel: 1.8mm +/- 0.3mm

ELECTRICAL SPECIFICATIONS
- Electrical Life: 50,000 cycles
- Contact Rating: 100mA @ 30VDC
- Contact Resistance: 50mΩ (initial max)
- Insulation Resistance: 100MΩ (Min @ 500VDC)
- Dielectric Strength: 500VAC (1 minute)

ENVIRONMENTAL SPECIFICATIONS
- Operating Temperature: -40°C to +85°C
- Storage Temperature: -40°C to +85°C

HOW TO ORDER:

Example Ordering Code: LP1-OA-1-A-R

Specifications subject to change without notification.

LED SPECIFICATIONS

<table>
<thead>
<tr>
<th>LED Color</th>
<th>Blue</th>
<th>Red</th>
<th>Green</th>
<th>Yellow</th>
<th>White</th>
</tr>
</thead>
<tbody>
<tr>
<td>Forward Current (mA)</td>
<td>20mA</td>
<td>20mA</td>
<td>20mA</td>
<td>20mA</td>
<td>20mA</td>
</tr>
<tr>
<td>Forward Voltage@20mA</td>
<td>3.4-4.0 VDC</td>
<td>1.5-2.4 VDC</td>
<td>2.0-2.4 VDC</td>
<td>2.0-2.4 VDC</td>
<td>3.5-4.0 VDC</td>
</tr>
<tr>
<td>Luminous Intensity</td>
<td>280 mcd @6mA</td>
<td>330 mcd</td>
<td>50 mcd</td>
<td>100 mcd</td>
<td>2000 mcd</td>
</tr>
</tbody>
</table>

SCHEMATIC

PANEL MOUNTING