



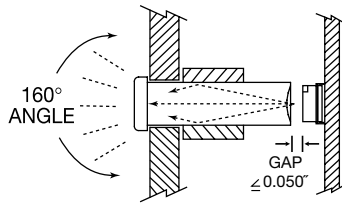
SPECIFICATIONS

MATERIAL	LITEPIPE® - Acrylic (Clear optical grade) Grommet - J-Von
DESIGN	Low profile, small diameter LITEPIPE®.
MOUNTING	Mounts in .102" (2.59mm) hole on 3/16" centers. Use grommet retainer (RTN 100).
LED	Surface mount, vertical and horizontal LEDs. LITEPIPE® products for blending multicolor LEDs are available.
STANDOFF	Use standoff to adjust height of standard LED above the PCB in order to maintain a maximum .050" clearance between LITEPIPE® and LED. See STD Series data sheet on page 29.



U.S. & Foreign Patents Issued and Pending

SURFACE MOUNT LED APPLICATION



Pass LITEPIPE® through panel opening. Press on retaining ring. Air gap .050" maximum between LED and LITEPIPE® for best performance.

VERSATILITY

The 2.5mm LITEPIPE® provides a method of transmitting the light from PCB mounted LEDs to the front display panel. Both styles of LEDs, surface mount, 3mm and 5mm standard packages can be displayed in this manner.

BRIGHTNESS

The LITEPIPE® increases the apparent brightness and viewing angle of a PCB-mounted LED. The LITEPIPE® transmits the light from the source to the lens, which in turn disperses the light up to 160 degrees.

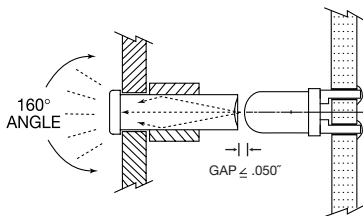
APPLICATION

The 2.5mm LITEPIPE® is available for use with both surface mount and standard package 3mm and 5mm LEDs. Because there is no physical connection between the LITEPIPE® and PCB mounted LED, the circuit board can be installed or removed without disturbing the panel display.

INSTALLATION

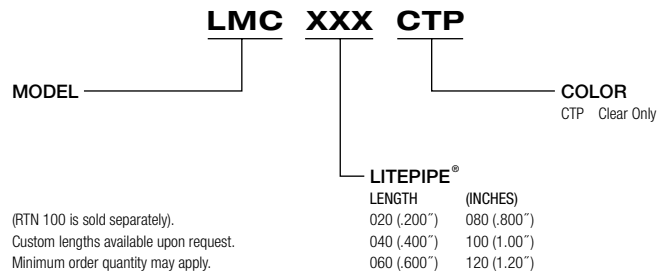
The LITEPIPE® assembly is easily installed. Pass the LITEPIPE® through the panel opening and press on grommet retainer to secure unit to the panel. Slide PCB into position aligning LED with the end of the LITEPIPE®.

THROUGH-HOLE LED APPLICATION



Pass LITEPIPE® through panel opening. Press on retaining ring. Air gap .050" maximum between LED and LITEPIPE® for best performance.

ORDERING CODES



OUTLINE DRAWING

RECOMMENDED LEDs

<p>LMC LITEPIPE®</p>	<p>RTN 100</p>	<p>SEE PAGE 30-33</p>
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