

LOW PROFILE PANEL LENSES FOR PCB MOUNTED LEDs



U.S. & Foreign Pat. Pend.

SPECIFICATIONS

MATERIAL: Lens - Polycarbonate; Ring - Polypropylene ,
(U.L. Listed Materials).

DESIGN: Low profile lenses with fresnel rings.

MOUNTING: Mounts thru front of panel, retaining ring secures
the lens in place.

3mm (SMC 170) mounts in a .173" (4.4mm) hole
on 1/4" centers. Panel thickness 1/32" to 3/32".

5mm (CMC 321), mounts in a .281" (7.2mm) hole
on 3/8" centers. Panel thickness 1/32" to 1/8".

ORDERING CODES

MODEL CMC 321 RTP COLOR

SMC 170 (3mm) L/Profile Lens

CMC 321 (5mm) L/Profile Lens

RNG 132 (3mm) Retaining Ring

RNG 234 (5mm) Retaining Ring

RTP Red Transparent

ATP Amber Transparent

GTP Green Transparent

BTP Blue Transparent

YTP Yellow Transparent

CTP Clear Transparent

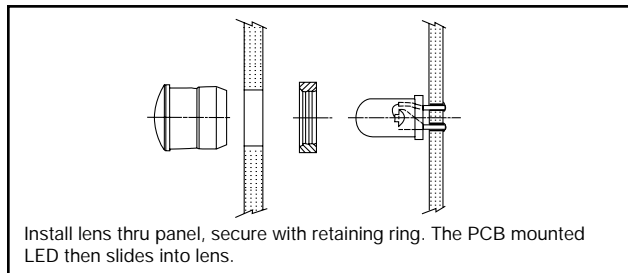
VERSATILITY – CLIPLITE, installed in display panel, is used with PCB mounted LEDs. Lenses remain attached to the display or panel door while the LEDs are fixed to the PCB. The lenses are ideal for use together with the CONXRITE connector assembly.

BRIGHTNESS – CLIPLITE utilizes fresnel rings to increase apparent brightness and viewing angle up to 180 degrees with either diffused or nondiffused LEDs.

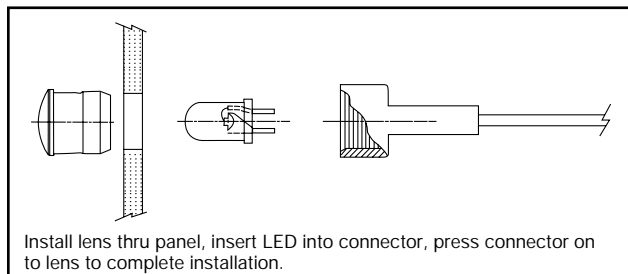
PROTECTION – CLIPLITE helps prevent IC failures caused by electrostatic discharge (ESD). Introduction of ESD thru an exposed panel mounted LED is capable of damaging or destroying a semiconductor. A CLIPLITE mounted LED helps guard components from ESD up to 16 kv while affording the LED physical protection.

INSTALLATION – CLIPLITE is inserted thru panel opening, retaining ring pressed into place. PCB mounted LEDs slide into lenses when the panel cover is closed or the PCB card is inserted into the case.

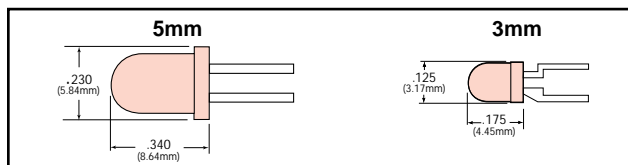
PANEL MOUNTED LENS WITH PCB MOUNTED LED



PANEL MOUNTED LENS WITH CONXRITE CONNECTOR



RECOMMENDED LEDs



OUTLINE DRAWING

