

PRE-WIRED SOLDERLESS LED INTERCONNECT



U.S. & Foreign Patents Issued and Pending

CONXRITE®

This modular cabling assembly is designed for use in the electrical connection of panel mounted LEDs to printed circuit boards. This plug-in system eliminates many of the problems associated with wiring display panel mounted LEDs.

APPLICATIONS

Designed to make quick and easy plug-in connections between panel mounted LEDs and the PCB. The modular concept of panel and header housings along with different wire lengths offer a cost reducing solution to cabling problems.

VERSATILITY

Multiple panel mounted LED devices can be connected to PCB mounted headers. A uniquely designed three finger box terminal mates with leads .017" in diameter to .025" square. Cables are available from standard stock in 4", 6", 8", 12", 18" and 24" lengths.

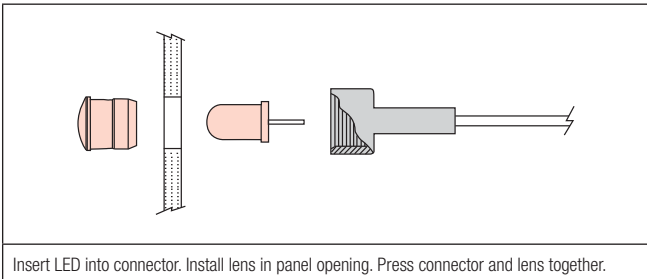
INSTALLATION

Modular cabling systems simplify the electrical connection from panel to PCB and eliminate the need for assembly tools. Cost savings from the discontinuing of soldering and terminal crimping operations are substantial. When properly installed the assembly is able to withstand up to 6g's at 2000Hz.

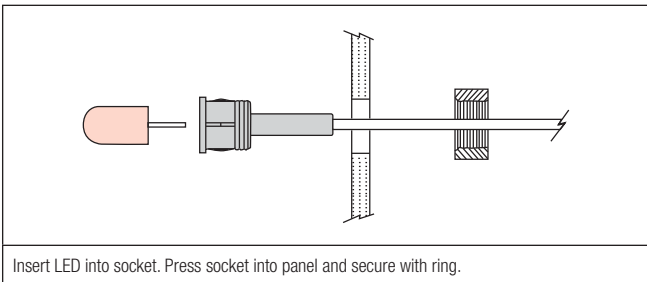
SPECIFICATIONS

MATERIAL	Panel Connector Socket & Ring - Thermoplastic Header Connector - Thermoplastic (UL listed materials) Terminals - Phosphor bronze, tin plated Wire - 24 AWG, 7 strand copper, insulated
ELECTRICAL	Terminal - 3 amp continuous service Unique three-finger design mates to round, square or rectangular leads .017" to .025".
MOUNTING	Panel Connector 3mm - Mates with SMC 130 & 170. Panel Connector 5mm - Mates with CMC 285, 313, 321, 323, CMS 322, CML 325 and 327. See data sheets pages 13, 14 & 28. Panel Thickness - See page 19. All holes deburred but not chamfered. LED lead trimming - See page 19. Hole Size - SMC series 11/64" (4.37mm). CMC, CMS & CML series 9/32" (7.14mm). Header Connector - Mates with VCC positive locking header 450 series. Also mates with standard and friction header .025" pins on .100" centers.

PANEL MOUNT LENS & CONNECTOR



PANEL SOCKET, FRONT RELAMPABLE



RECOMMENDED LEDs

<p>3mm Bi-Lead Use "B" Connector</p>	<p>5mm Bi-Lead Use "C" Connector</p>	<p>5mm Tri-Lead Use "D" Connector</p>	<p>5mm Flangeless Use "K" Connector</p>
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