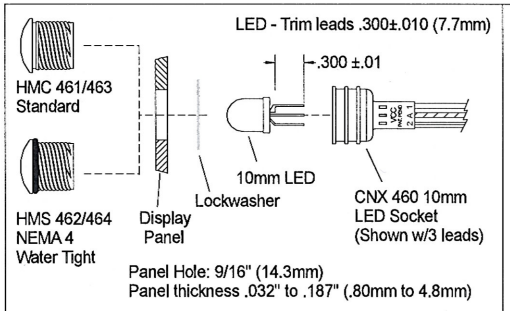
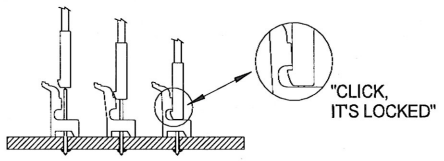
APPROVAL	DATE
	12/15/08



ORDER LED & LENS SEPARATELY



ORDER POSITIVE LOCKING HEADER SEPARATELY

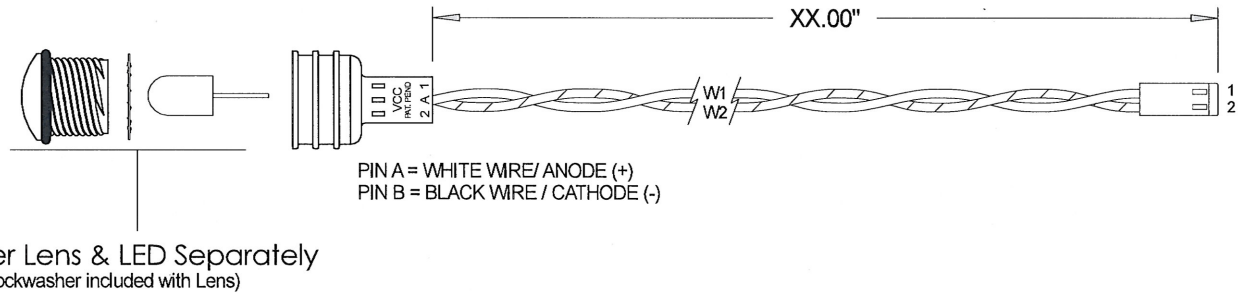
CABLE ORDERING CODE (EXAMPLE): CNX 460 E02 4 1 12

TERMINATION	WIRE SIZE	WIRE COLOR	WIRE LENGTH
X = Stripped End E = Single Row D = Dual Row 02 = 2 wires 03 = 3 wires 04 = 4 wires	Standard 4 24 AWG	1 Wht - Blk 2 Red - Blk 6 Wht - Blk - Red 0 Wht - Blk - Red - Grn	04 4 Inches 06 6 Inches 08 8 Inches 12 12 Inches 18 18 Inches 24 24 Inches

CALL FACTORY DIRECT FOR ADDITIONAL OPTIONS

LENS OPTIONS

LENS STYLE	COLOR
HMC 461/463 Standard HMS 462/464 Water Tight NEMA 4	RTP - Red GTP - Green ATP - Amber BTP - Blue YTP - Yellow CTP - Clear



U.S. & FOREIGN PAT. ISSUED & PEND.

NOTES:

Material: Lens - Polycarbonate U.L. Rating 94-V2
LED Connector - Polyester U.L. Rating 94-V0
Header Connector - Polyester U.L. Rating 94-V0
U.L. Manual - "Thermoplastic material used on a secondary circuit."
Wire: 1007/1569 - 24 AWG, stranded (105° C)
Mounting: Lens - panel hole size 5/16" (8.0mm)
Tested: UV, Solar, Shock, Vibration, Temperature -45° - 105°C. HMS 462/464 meet NEMA 4

REVISIONS

NO	DESCRIPTION	DATE	BY
1	Add HMC 463, HMS 464	12/15/08	JG
2			
3			
4			
5			

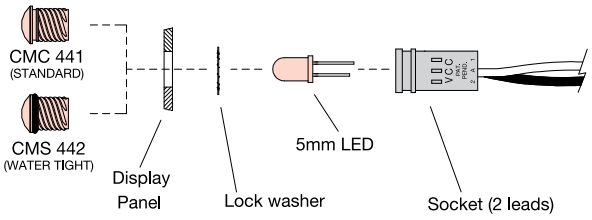
VCC P/N: CNX 460 CABLE ASSEMBLY

VCC VISUAL COMMUNICATIONS COMPANY, INC.
190 Bosstick Blvd, Ste. 101 San Marcos, California 92069 U.S.A.
Phone (760) 560-1300 Fax (760) 560-1301 e-mail vccsales@vcclite.com

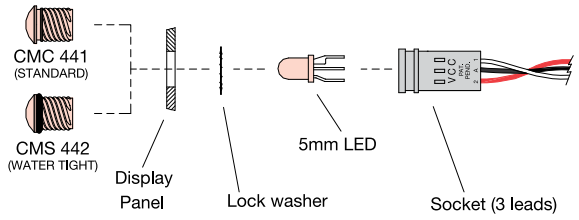
TOLERANCES		SCALE	N/A	DATE	11/12/08	DRAWING NO.	REV.
DECIMAL	±.500	DIAMETER		DRAWN BY	JDG	CNX 460 CABLE_Assy	1
ANGLE		RADII		CHK'D			

CABLE ASSEMBLY FOR 5mm & 10mm LED LIGHTS

CNX 440 STANDARD ASSEMBLIES (5mm)

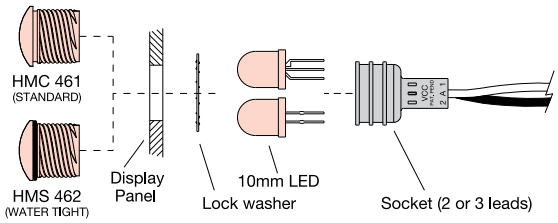


LED 5mm bi-lead - trim lead length .250″ ± .01″ (5.58mm)
Panel Thickness - .032″ to .125″, Panel Hole: .312″ (8.0mm)
Recommended LEDs - 5mm bi-lead, 5mm tri-lead (tri-color) and 5mm six-lead (RGB)

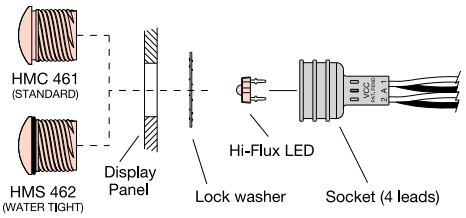


LED 5mm tri-lead - leads custom formed by VCC
Panel Thickness - .032″ to .125″ Panel Hole: .312″ (8.0mm)

CNX 460 STANDARD ASSEMBLIES (10mm)

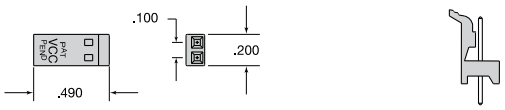


LED 10mm bi-lead - trim lead length .300″ ± .01″ (8.13mm)
Panel Thickness - .032″ to .187″, Panel Hole: .562″ (14.0mm)
Recommended LEDs - 10mm bi-lead, 10mm tri-lead (bi-color), 10mm six lead (RGB) and Hi-Flux four-lead ultra bright.



LED Hi-Flux lead length: Install as is.
Panel thickness - .032″ to .187″ Panel Hole: .562″ (14.0mm).

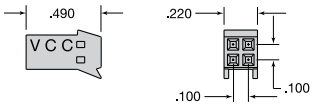
HEADER CONNECTORS AND HEADERS



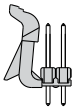
E 02 CONNECTOR

LOCKING HEADER

Single Row on .100" centers



D 04 CONNECTOR



LOCKING HEADER

Dual Row on .100" x .100" centers

ORDERING CODES

CNX 440 E02 4 1 12

CONNECTOR STYLE	TERMINATION	WIRE SIZE	WIRE COLOR	WIRE LENGTH
CNX 440 for 5mm LED CNX 460 for 10mm LED See above for avaliable lens options (Sold Separately)	X = STRIPPED END E = SINGLE ROW D = DUAL ROW 02 = 2 Wires 03 = 3 Wires 04 = 4 Wires	STANDARD 4 24 AWG	1 - WHT - BLK 2 - RED - BLK 6 - WHT - BLK - RED 0 - WHT - BLK - RED - GRN	04 4 INCHES 06 6 INCHES 08 8 INCHES 12 12 INCHES 18 18 INCHES 24 24 INCHES

ADDITIONAL OPTIONS AVAILABLE