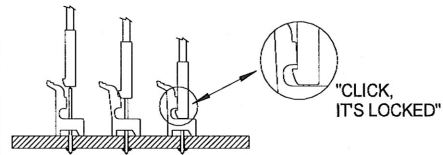


ORDER LED & LENS SEPARATELY

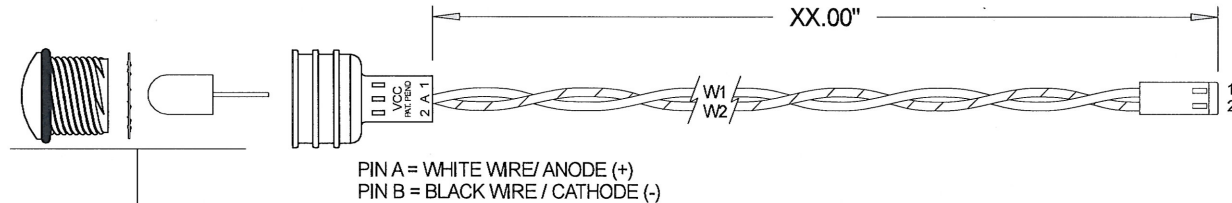


ORDER POSITIVE LOCKING HEADER SEPARATELY

LENS OPTIONS

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

Order Lens & LED Separately
(Lockwasher included with Lens)



PIN A = WHITE WIRE / ANODE (+)
PIN B = BLACK WIRE / CATHODE (-)

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



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			

APPROVAL	DATE
	12/15/08



CABLE ASSEMBLY FOR 5mm & 10mm LED LIGHTS

CNX 440 STANDARD ASSEMBLIES (5mm)

CMC 441 (STANDARD) CMS 442 (WATER TIGHT) Display Panel Lock washer 5mm LED Socket (2 leads)	CMC 441 (STANDARD) CMS 442 (WATER TIGHT) Display Panel Lock washer 5mm LED Socket (3 leads)
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)

HMC 461 (STANDARD) HMS 462 (WATER TIGHT) Display Panel Lock washer 10mm LED Socket (2 or 3 leads)	HMC 461 (STANDARD) HMS 462 (WATER TIGHT) Display Panel Lock washer Hi-Flux LED Socket (4 leads)
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
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ORDERING CODES

CONNECTOR STYLE	TERMINATION	WIRE SIZE	WIRE COLOR	WIRE LENGTH
CNX 440 for 5mm LED CNX 460 for 10mm LED See above for available 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