

**NOTES:**

1. ROHS COMPLIANT
2. MATERIAL:  
 PANEL CONNECTOR - POLYPROPYLENE, UL RATING 94-HB  
 HEADER CONNECTOR - POLYESTER, UL RATING 94-V0  
 LENS - POLYCARBONATE - UL RATING 94-V2  
 MOISTURE SEAL - EPDM  
 RING - THERMOPLASTIC  
 TERMINALS - PHOSPHOR BRONZE, TIN PLATE  
 WIRE - 24 AWG 1007/1569
3. MOUNTING: HOLE SIZE .281" (7.2mm) OPENING ON 3/8" CENTERS (9.52mm)
4. PANEL THICKNESS: .030" (0.76mm) MIN TO .125" (3.18mm) MAX  
 FOR PANEL THICKNESS .030" (0.76mm) TO .045" (1.14mm) USE TWO (2) SPC 060 SPACERS  
 FOR PANEL THICKNESS .050" (1.27mm) TO .100" (2.54mm) USE ONE (1) SPC 060 SPACER  
 FOR PANEL THICKNESS .105" (2.67mm) TO .125" (3.18mm) NO SPACER REQUIRED
5. LED LEAD LENGTH:  
 FOR CMC 285 - .350" ±.010 (8.89mm ±0.25)  
 FOR CMC 313, CMC 321, CMC 323, AND CMS 322 - .220" ±.010 (5.59mm ±0.25)
6. FOR STANDARD DRY APPLICATIONS USE CMC 285, CMC 313, CMC 321 OR CMC 323; FOR WET OR DRY APPLICATIONS USE CMS 322 (MEETS NEMA4/ IP56)  
 ALSO CAN BE ORDERED CNX 310 XXX FOR CONNECTOR AND RESISTOR ONLY
7. U.S AND FOREIGN PATENT ISSUED

REVISIONS				
ECN #	REV	DESCRIPTION	DATE	INITIALS
	001	REVISED PER ECR 111009AZ01	2/22/11	KH

**CABLE ORDERING CODE EXAMPLE:**  
**CNX 310 056 E 4 1 08**

\* CALL FACTORY FOR ADDITIONAL OPTIONS

LED & SPACER  
(ORDER SEPERATELY)



5MM LED



SPC 060

RESISTOR *		TERMINATION *		WIRE SIZE *		WIRE COLOR *		WIRE LENGTH *	
000 =	NO RESISTOR	X =	STRIPPED END	4 =	24 AWG	1 =	WHITE - BLACK	04 =	4 INCHES (101.6mm)
012 =	120 OHMS	E =	SINGLE ROW LOCKING HEADER			2 =	RED - BLACK	06 =	6 INCHES (152.4mm)
018 =	180 OHMS	G =	SINGLE ROW PLAIN HEADER					08 =	8 INCHES (203.2mm)
033 =	330 OHMS							12 =	12 INCHES (304.8mm)
056 =	560 OHMS							18 =	18 INCHES (457.2mm)
120 =	1200 OHMS							24 =	24 INCHES (609.6mm)
220 =	2200 OHMS								

LENS  
(ORDER SEPERATELY)



CMC 285



CMC 313  
CMC 321  
CMC 323



CMS 322



DIMENSION STYLE: INCHES / MM GENERAL TOLERANCES UNLESS OTHERWISE SPECIFIED: INCHES ±.500 MM ± 12.7  THIRD ANGLE PROJECTION	MATERIAL	SEE NOTES	
	FINISH	SEE NOTES	
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	DRAWN	K.Howard	2/22/11
	CHECKED	AZ	2/22/11
DO NOT SCALE DRAWING			

<b>VCC</b>   OPTOELECTRONICS 190 BOSSTICK BLVD. SUITE 101 SAN MARCOS, CA 92069 U.S.A. PHONE: (760) 560-1300, FAX: (760) 560-1301 EMAIL: vccsales@vcc-lite.com		
TITLE: <b>CNX 310 XXX                  CABLE ASSEMBLY</b>		
SIZE	DWG. NO.	REV
<b>B</b>	<b>CNX 310 XXX ASSY</b>	<b>001</b>
SCALE: 2:1		SHEET 1 OF 1