

**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       |

**7** 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<br>GENERAL TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>INCHES ±.500<br>MM ± 12.7<br><br>THIRD ANGLE PROJECTION<br>PROPRIETARY AND CONFIDENTIAL<br>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF VISUAL COMMUNICATIONS COMPANY, INC. ANY REPRODUCTION IN WHOLE OR IN PART, OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF VISUAL COMMUNICATIONS COMPANY, INC IS PROHIBITED. | MATERIAL<br>SEE NOTES      | <b>VCC</b>   OPTOELECTRONICS<br>190 BOSSTICK BLVD. SUITE 101 SAN MARCOS, CA 92069 U.S.A.<br>PHONE: (760) 560-1300, FAX: (760) 560-1301 EMAIL: vccsales@vcc-lite.com |                                     |
|  | FINISH<br>SEE NOTES        | TITLE:<br><b>CNX 310 XXX CABLE ASSEMBLY</b>   |                                     |
| APPROVAL<br>DRAWN K.Howard<br>CHECKED AZ   | DATE<br>2/22/11<br>2/22/11 | SIZE<br><b>B</b>  | DWG. NO.<br><b>CNX 310 XXX ASSY</b> |
| DO NOT SCALE DRAWING   |                            | SCALE: 2:1  | REV<br><b>001</b>                   |
|  |                            |   | SHEET 1 OF 1                        |