

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)



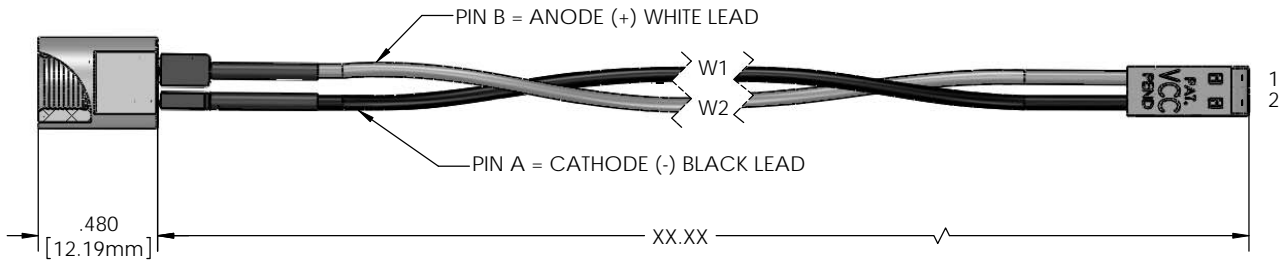
CMC 285



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 PROPRIETARY AND CONFIDENTIAL 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 | SEE NOTES | | |
| | FINISH | SEE NOTES | | |
| APPROVAL | DATE | TITLE: | | |
| DRAWN K.Howard | 2/22/11 | CNX 310 XXX CABLE ASSEMBLY | | |
| CHECKED AZ | 2/22/11 | SIZE | DWG. NO. | REV |
| DO NOT SCALE DRAWING | SCALE: 2:1 | B | CNX 310 XXX ASSY | 001 |
| | | SHEET 1 OF 1 | | |

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Mouser Electronics

Authorized Distributor

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[CNX_310_012](#)