

**NOTES:**

1. ROHS COMPLIANT
2. MATERIAL:  
 PANEL CONNECTOR SOCKET - POLYPROPYLENE, UL RATING 94-HB  
 HEADER CONNECTOR - POLYESTER, UL RATING 94-V0  
 TERMINAL - PHOSPHOR BRONZE, TIN PLATE  
 WIRE - 24 AWG 1007/1569
3. MOUNTING: HOLE SIZE: 11/64" (4.37mm)
4. PANEL THICKNESS: .030" (.762mm) MIN - .075" (1.905mm) MAX  
 FOR PANEL THICKNESS .030" (.762mm) - .050" (1.270mm) USE 1 SPC 040 SPACER  
 FOR PANEL THICKNESS .055" (1.397mm) - .075" (1.905mm) NO SPACER REQUIRED
5. LED LEAD LENGTH: FOR SMC 130 - .380" (9.652mm); FOR SMC 170 - .320" (8.128mm)
6. U.S. & FOREIGN PATENT ISSUED AND PENDING

| REVISIONS |     |                            |         |          |
|-----------|-----|----------------------------|---------|----------|
| ECN #     | REV | DESCRIPTION                | DATE    | INITIALS |
|           | 001 | REVISED PER ECR 111009AZ01 | 9/28/10 | KH       |

LED/SPACER  
(ORDER SEPARATELY)



3 MM LED



SPC 040

CABLE ORDERING CODE EXAMPLE:  
**CNX B E 4 1 12**

| TERMINATION * |                           |
|---------------|---------------------------|
| X=            | STRIPPED END              |
| E=            | SINGLE ROW LOCKING HEADER |
| G=            | SINGLE ROW PLAIN HEADER   |

| WIRE SIZE * |        |
|-------------|--------|
| 4           | 24 AWG |

| WIRE COLOR * |               |
|--------------|---------------|
| 1            | WHITE - BLACK |
| 2            | RED - BLACK   |

| WIRE LENGTH * |                     |
|---------------|---------------------|
| 04            | 4 INCHES (101.6mm)  |
| 06            | 6 INCHES (152.4mm)  |
| 08            | 8 INCHES (203.2mm)  |
| 12            | 12 INCHES (304.8mm) |
| 18            | 18 INCHES (457.2mm) |
| 24            | 24 INCHES (609.6mm) |

\* CALL FACTORY  
FOR ADDITIONAL  
OPTIONS

LENS/PANEL MOUNT  
(ORDER SEPARATELY)





SMC 130



SMC 170



|  |                       |   |                               |
|--|-----------------------|---|-------------------------------|
| <small>DIMENSION STYLE: INCHES / MM<br/>GENERAL TOLERANCES UNLESS<br/>OTHERWISE SPECIFIED:</small><br>INCHES ±.000<br>MM ±.127<br><br><small>THIRD ANGLE PROJECTION</small>   | MATERIAL<br>SEE NOTES |  <b>VGG OPTOELECTRONICS</b><br><small>190 BOSSTICK BLVD, SUITE 101 SAN MARCOS, CA 92069 U.S.A<br/>         PHONE: (760) 560-1300, FAX: (760) 560-1301 EMAIL: vccsales@vccite.com</small> |                               |
|  | FINISH<br>SEE NOTES   | TITLE:<br><b>CNX B CABLE ASSEMBLY</b>   |                               |
| <small>PROPRIETARY AND CONFIDENTIAL</small><br><small>THE INFORMATION CONTAINED<br/>         IN THIS DRAWING IS THE SOLE<br/>         PROPERTY OF VISUAL<br/>         COMMUNICATIONS COMPANY, INC.<br/>         ANY REPRODUCTION IN PART OR AS<br/>         A WHOLE WITHOUT THE WRITTEN<br/>         PERMISSION OF VISUAL<br/>         COMMUNICATIONS<br/>         COMPANY, INC IS PROHIBITED.</small> | APPROVAL              | DATE  | SIZE                          |
|  | DRAWN<br>K.Howard     | 9/28/10   | <b>B</b>                      |
|  | CHECKED<br>DPZ        | 11/29/10  | DWG. NO.<br><b>CNX B ASSY</b> |
| DO NOT SCALE DRAWING   |                       | REV<br><b>001</b>   | SHEET 1 OF 1                  |