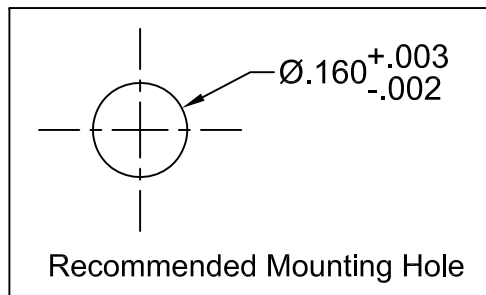
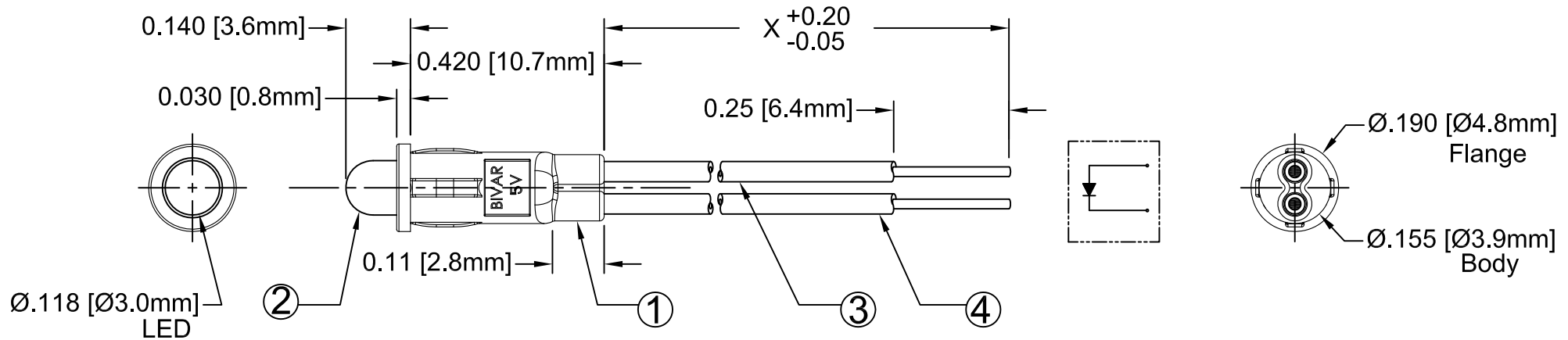
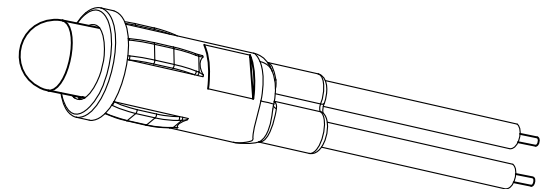


| ITEM | Q'TY | PART NUMBER   | PART DESCRIPTION                             |
|------|------|---------------|----------------------------------------------|
| 1    | 1    | PM3-5V        | 5V LED Holder, Panel Mount, Press Fit, (3mm) |
| 2    | 1    | 3XX5V-S       | T-1 (3mm) Non-Flange LED, 5 Volt             |
| 3    | 1    | BWS24-1061-RD | 24AWG Wire Lead U.L. 1061, Red               |
| 4    | 1    | BWS24-1061-BK | 24AWG Wire Lead U.L. 1061, Black             |

| REV. | DESCRIPTION              | DATE     | APPROVED |
|------|--------------------------|----------|----------|
| A    | Engineering Release      | 07/26/07 | M. C.    |
| B    | Specification Upgrade    | 07/08/08 | M. C.    |
| C    | Updated PM3-5V Holder    | 07/11/08 | M. C.    |
| D    | Added -S to 3XX5V in BOM | 12/19/12 | T. Y.    |



EXAMPLE:  
**PM3RD5VW6.5\***  
 Wire Length "X"  
 5 Volt Internal Resistor  
 LED Color & Lens Appearance.  
 Series



## ABSOLUTE MAXIMUM RATINGS (Ta = 25°C)

REVERSE VOLTAGE \_\_\_\_\_ 5V  
 REVERSE CURRENT ( VR=5V) \_\_\_\_\_ 100µA  
 OPERATING TEMPERATURE RANGE \_\_\_\_\_ -25°C ~ 85°C  
 STORAGE TEMPERATURE \_\_\_\_\_ -30°C ~ 100°C  
 LEAD SOLDERING TEMPERATURE (1/16" FROM BODY) \_\_\_\_\_ 260°C for 5 Seconds

|                                                      |                          |                                                                                                                                                                 |                       |
|------------------------------------------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| STANDARD TOLERANCE<br>( UNLESS OTHERWISE SPECIFIED ) |                          | <br>4 THOMAS, IRVINE, CA. 92618<br>TEL: (949) 951-8808 FAX: (949) 951-3974 |                       |
| DECIMALS                                             | ANGULAR                  |                                                                                                                                                                 |                       |
| .X ± .1                                              | X° ± 1°                  |                                                                            |                       |
| .XX ± .02                                            |                          |                                                                                                                                                                 |                       |
| .XXX ± .010                                          |                          | <b>TITLE:</b><br>T-1 (3mm) PANEL MOUNT ASSEMBLY                                                                                                                 |                       |
| DESIGNED:<br><b>Dan Beckman</b>                      | DATE:<br><b>07/26/07</b> | <b>PART NO:</b><br>PM3XX5VWX.X                                                                                                                                  | REVISION:<br><b>D</b> |
| CHECKED:<br><b>T. Yin</b>                            | DATE:<br><b>07/26/07</b> | <b>CAGE CODE :</b> 32559                                                                                                                                        | <b>SHEET # 1 OF 2</b> |
| CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.      |                          |                                                                                                                                                                 |                       |

| REV. | DESCRIPTION  | DATE | APPROVED |
|------|--------------|------|----------|
|      | SEE SHEET#1. |      |          |
|      |              |      |          |

| LED Part No. | Chip      |                            |               | Lens Appearance | Absolute Max. Ratings |             | Electro-Optical Data @ 5V |             | Viewing Angle<br>2 θ ½<br>(Deg) | LED P/N  |
|--------------|-----------|----------------------------|---------------|-----------------|-----------------------|-------------|---------------------------|-------------|---------------------------------|----------|
|              | Material  | Peak Wave Length<br>λp(nm) | Emitted Color |                 | If<br>(mA)            | Peak If(mA) | Vf<br>(V)                 | Iv<br>(mcd) |                                 |          |
|              |           |                            |               |                 |                       |             | MAX                       | TYP         |                                 |          |
| PM3AC5VWX.X  | GaAsP/GaP | 610                        | AMBER         | WATER CLEAR     | 8                     | 12          | 5.0                       | 125.0       | 20                              | 3AC5V-S  |
| PM3AD5VWX.X  | GaAsP/GaP | 610                        | AMBER         | DIFFUSED        | 8                     | 12          | 5.0                       | 60.0        | 45                              | 3AD5V-S  |
| PM3AT5VWX.X  | GaAsP/GaP | 610                        | AMBER         | TINTED          | 8                     | 12          | 5.0                       | 125.0       | 20                              | 3AT5V-S  |
| PM3BWD5VWX.X | GaN/SiC   | 468                        | BLUE          | DIFFUSED        | 8                     | 12          | 5.0                       | 500.0       | 35                              | 3BWD5V-S |
| PM3GC5VWX.X  | GaP/GaP   | 565                        | GREEN         | WATER CLEAR     | 8                     | 12          | 5.0                       | 75.0        | 20                              | 3GC5V-S  |
| PM3GD5VWX.X  | GaP/GaP   | 565                        | GREEN         | DIFFUSED        | 8                     | 12          | 5.0                       | 25.0        | 45                              | 3GD5V-S  |
| PM3GT5VWX.X  | GaP/GaP   | 565                        | GREEN         | TINTED          | 8                     | 12          | 5.0                       | 75.0        | 20                              | 3GT5V-S  |
| PM3HC5VWX.X  | GaAsP/GaP | 635                        | HE RED        | WATER CLEAR     | 8                     | 12          | 5.0                       | 190.0       | 20                              | 3HC5V-S  |
| PM3HD5VWX.X  | GaAsP/GaP | 635                        | HE RED        | DIFFUSED        | 8                     | 12          | 5.0                       | 50.0        | 45                              | 3HD5V-S  |
| PM3HT5VWX.X  | GaAsP/GaP | 635                        | HE RED        | TINTED          | 8                     | 12          | 5.0                       | 190.0       | 20                              | 3HT5V-S  |
| PM3RC5VWX.X  | GaAsP/GaP | 700                        | RED           | WATER CLEAR     | 8                     | 12          | 5.0                       | 35.0        | 20                              | 3RC5V-S  |
| PM3RD5VWX.X  | GaAsP/GaP | 700                        | RED           | DIFFUSED        | 8                     | 12          | 5.0                       | 15.0        | 45                              | 3RD5V-S  |
| PM3RT5VWX.X  | GaAsP/GaP | 700                        | RED           | TINTED          | 8                     | 12          | 5.0                       | 35.0        | 20                              | 3RT5V-S  |
| PM3YC5VWX.X  | GaAsP/GaP | 585                        | YELLOW        | WATER CLEAR     | 8                     | 12          | 5.0                       | 60.0        | 20                              | 3TC5V-S  |
| PM3YD5VWX.X  | GaAsP/GaP | 585                        | YELLOW        | DIFFUSED        | 8                     | 12          | 5.0                       | 20.0        | 45                              | 3YD5V-S  |
| PM3YT5VWX.X  | GaAsP/GaP | 585                        | YELLOW        | TINTED          | 8                     | 12          | 5.0                       | 60.0        | 20                              | 3YT5V-S  |

|                                                                                |                          |                                                                                                                                                                 |                       |
|--------------------------------------------------------------------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| STANDARD TOLERANCE<br>( UNLESS OTHERWISE SPECIFIED )<br><u>±10% ALL VALUES</u> |                          | <br>4 THOMAS, IRVINE, CA. 92618<br>TEL: (949) 951-8808 FAX: (949) 951-3974 |                       |
|                                                                                |                          | TITLE:<br>T-1 (3mm) Panel Mount Assembly                                                                                                                        |                       |
| DESIGNED:<br><b>Dan Beckman</b>                                                | DATE:<br><b>07/26/07</b> | PART NO:<br><b>PM3XX5VWX.X</b>                                                                                                                                  | REVISION:<br><b>D</b> |
| CHECKED:<br><b>T. Yin</b>                                                      | DATE:<br><b>07/26/07</b> | CAGE CODE : <b>32559</b>                                                                                                                                        | SHEET # <b>2 OF 2</b> |
| CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.                                |                          |                                                                                                                                                                 |                       |