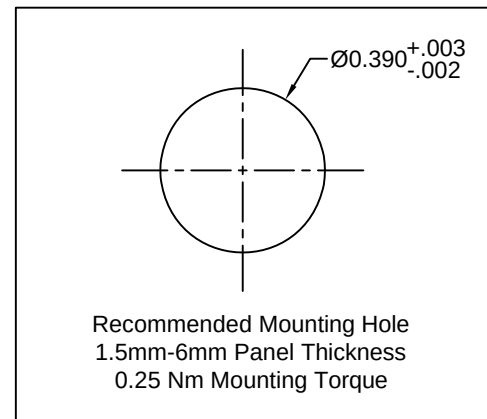
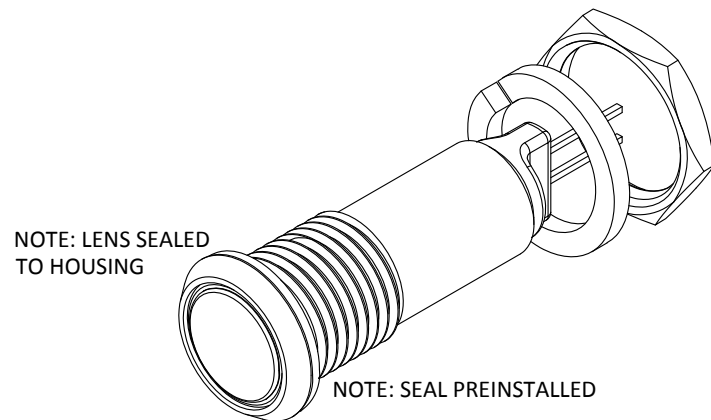
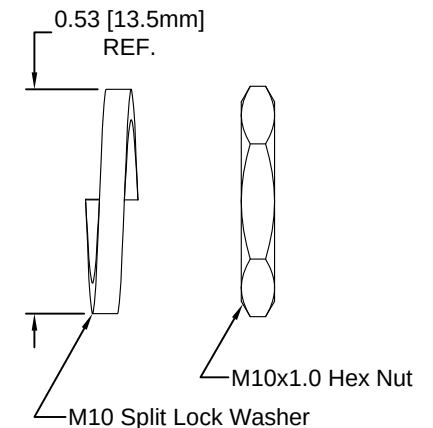
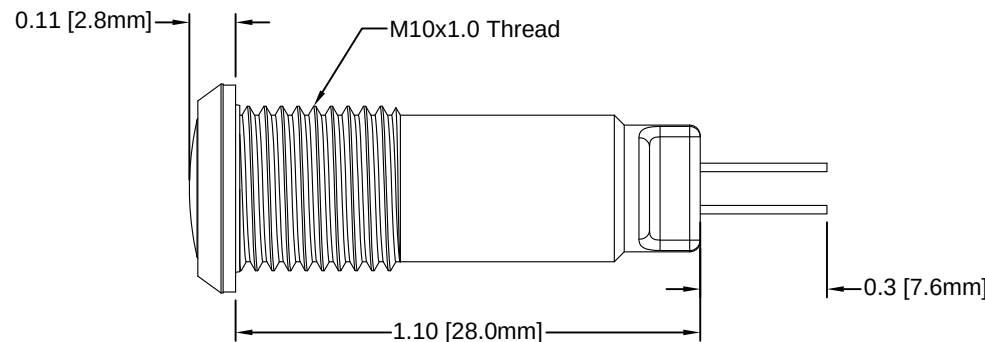
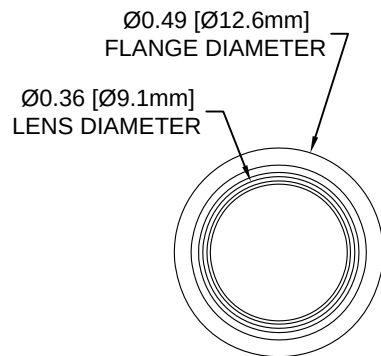


| REV. | DESCRIPTION                         | DATE     | APPROVED |
|------|-------------------------------------|----------|----------|
| A    | Engineering Release                 | 04/29/14 | J. C.    |
| B    | Updated LED Optical Characteristics | 09/15/15 | J. C.    |
|      |                                     |          |          |
|      |                                     |          |          |
|      |                                     |          |          |



EXAMPLE:  
PM5-PRGD

LED Color  
Series

## NOTES:

1. SEALED TO IP67 RATING
2. ROHS COMPLIANT
3. MOUNTING HARDWARE SHIPPED NON-ASSEMBLED
4. BIPOLAR OPERATION
5. WIDE RANGE VOLTAGE INPUT, SEE SHEET #2

|                                                      |                          |                                                                                                                                                                      |                       |
|------------------------------------------------------|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| STANDARD TOLERANCE<br>( UNLESS OTHERWISE SPECIFIED ) |                          | <br>4 THOMAS, IRVINE, CA. 92618<br>TEL: (949) 951-8808      FAX: (949) 951-3974 |                       |
| <u>DECIMALS</u>                                      | <u>ANGULAR</u>           |                                                                                                                                                                      |                       |
| .X     ± .1                                          | X°   ± 1°                |  <b>TITLE:</b><br>IP67 Rated Panel Mount Indicator                              |                       |
| .XX   ± .02                                          |                          |                                                                                                                                                                      |                       |
| .XXX ± .010                                          |                          | <b>PART NO:</b><br>PM5-PRXXX                                                                                                                                         |                       |
| DESIGNED:<br><b>Alex Wright</b>                      | DATE:<br><b>03/24/14</b> | REVISION<br><b>B</b>                                                                                                                                                 |                       |
| CHECKED:<br><b>Brian Oliver</b>                      | DATE:<br><b>03/24/14</b> | <b>CAGE CODE : 32559</b>                                                                                                                                             | <b>SHEET # 1 OF 2</b> |
| CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING       |                          |                                                                                                                                                                      |                       |

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

| Assembly Part Number | LED Part Number | Peak Wave Length $\lambda_p$ (nm) | Emitted Color | Electro-Optical Data @ 20mA |                   | Viewing Angle |
|----------------------|-----------------|-----------------------------------|---------------|-----------------------------|-------------------|---------------|
|                      |                 |                                   |               | Typ Vf (VAC/VDC)            | Assembly Iv (mcd) |               |
|                      |                 |                                   |               | TYP                         | TYP               |               |
| PM5-PRAD             | 5AD             | 605                               | AMBER         | 8-48                        | 9                 | 120           |
| PM5-PRBWD            | 5BWD0.345       | 430                               | BLUE          | 8-48                        | 350               | 120           |
| PM5-PRGD             | 5SGD            | 568                               | GREEN         | 8-48                        | 11                | 120           |
| PM5-PRRD             | 5SRD            | 645                               | RED           | 8-48                        | 14                | 120           |
| PM5-PRYD             | 5SYD            | 590                               | YELLOW        | 8-48                        | 105               | 120           |

| Assembly Part Number | LED Part Number | Color Temperature | Emitted Color | Electro-Optical Data @ 20mA |                   | Viewing Angle |
|----------------------|-----------------|-------------------|---------------|-----------------------------|-------------------|---------------|
|                      |                 |                   |               | Typ Vf (VAC/VDC)            | Assembly Iv (mcd) |               |
|                      |                 |                   |               | TYP                         | TYP               |               |
| PM5-PRWD             | 5UWD0.660N      | 5000K             | NEUTRAL WHITE | 8-48                        | 394               | 120           |

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

MAXIMUM POWER DISSIPATION \_\_\_\_\_ 400 mW  
 OPERATING TEMPERATURE RANGE \_\_\_\_\_ -30°C ~ 85°C  
 STORAGE TEMPERATURE \_\_\_\_\_ -40°C ~ 85°C

|                                                                                           |                 |                                                                                                                                                                     |                       |
|-------------------------------------------------------------------------------------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| STANDARD TOLERANCE<br>( UNLESS OTHERWISE SPECIFIED )<br>DECIMALS                  ANGULAR |                 | <br>4 THOMAS, IRVINE, CA. 92618<br>TEL.: (949) 951-8808    FAX: (949) 951-3974 |                       |
|                                                                                           |                 |  <b>TITLE:</b><br>IP67 Rated Panel Mount Indicator                             |                       |
| DESIGNED:                                                                                 | DATE:           | <b>PART NO:</b>                                                                                                                                                     | REVISION:             |
| <b>Alex Wright</b>                                                                        | <b>03/24/14</b> | <b>PM5-PRXXX</b>                                                                                                                                                    | <b>B</b>              |
| CHECKED:                                                                                  | DATE:           | <b>CAGE CODE : 32559</b>                                                                                                                                            | <b>SHEET # 2 OF 2</b> |
| <b>Brian Oliver</b>                                                                       | <b>03/24/14</b> | CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING.                                                                                                                     |                       |

# Mouser Electronics

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BIVAR:

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