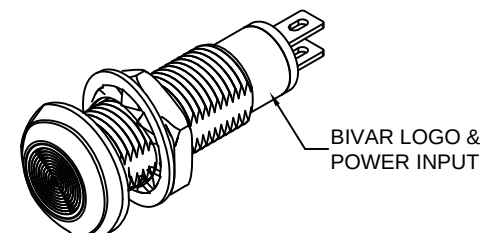
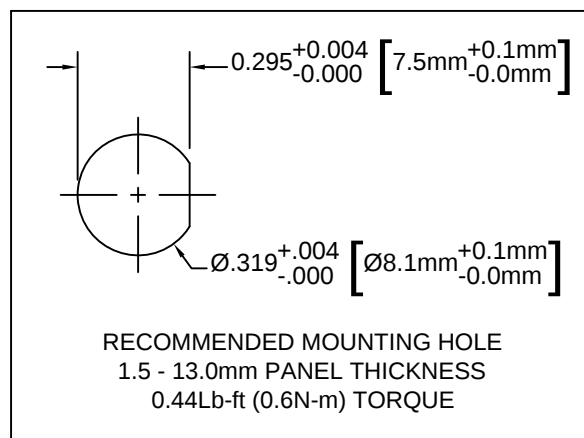
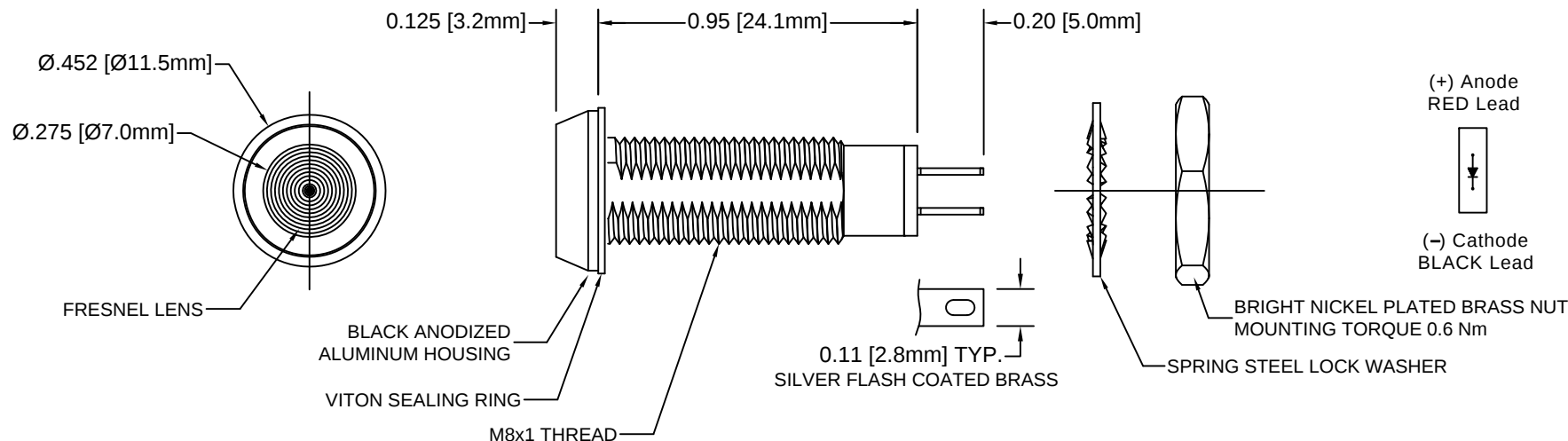
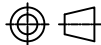


| REV. | DESCRIPTION                    | DATE     | APPROVED |
|------|--------------------------------|----------|----------|
| A    | Engineering Release            | 04/16/12 | T. Y.    |
| B    | Engineering Update w/o Changes | 08/11/16 | J. C.    |
|      |                                |          |          |
|      |                                |          |          |



#### NOTES:

1. SEALED TO IP67 RATING
2. ROHS COMPLIANT
3. INTEGRAL EMC MESH
4. MOUNTING HARDWARE SHIPPED NON-ASSEMBLED
5. INSERT VITON RING ON PANEL MOUNT ASSEMBLY PRIOR TO PANEL INSTALLATION

|                                                      |                          |                                                                                                                                                                  |  |
|------------------------------------------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 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°                  | <br><b>TITLE:</b> IP67 EMC PANEL MOUNT<br>LED ASSEMBLY, 8.1MM MOUNTING      |  |
| .XX ± .02                                            |                          |                                                                                                                                                                  |  |
| .XXX ± .010                                          |                          | <b>PART NO:</b> PM5-A677XXXV                                                                                                                                     |  |
| DESIGNED:<br><b>B. Oliver</b>                        | DATE:<br><b>04/16/12</b> | REVISION<br><b>B</b>                                                                                                                                             |  |
| CHECKED:<br><b>T. Yin</b>                            | DATE:<br><b>04/16/12</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 |      |          |
|      |              |      |          |

| Part Number  | Peak Wave Length<br>$\lambda_p$ (nm) | Emitted Color | Lens Appearance | Electro-Optical Data @ 10mA |             | Viewing Angle |
|--------------|--------------------------------------|---------------|-----------------|-----------------------------|-------------|---------------|
|              |                                      |               |                 | Vf<br>(VDC/VAC)             | Iv<br>(mcd) |               |
|              |                                      |               |                 | TYP                         | TYP         |               |
| PM5-A677B12V | 465                                  | BLUE          | SMOKED          | 12 VDC                      | 400         | 120           |
| PM5-A677B28V | 465                                  | BLUE          | SMOKED          | 24-28 VDC                   | 400         | 120           |
| PM5-A677G12V | 515                                  | GREEN         | SMOKED          | 12 VDC                      | 800         | 120           |
| PM5-A677G28V | 515                                  | GREEN         | SMOKED          | 24-28 VDC                   | 800         | 120           |
| PM5-A677R12V | 630                                  | RED           | SMOKED          | 12 VDC                      | 600         | 120           |
| PM5-A677R28V | 630                                  | RED           | SMOKED          | 24-28 VDC                   | 600         | 120           |
| PM5-A677Y12V | 585                                  | YELLOW        | SMOKED          | 12 VDC                      | 600         | 120           |
| PM5-A677Y28V | 585                                  | YELLOW        | SMOKED          | 24-28 VDC                   | 600         | 120           |

| Part Number  | Chromaticity Coordinates | Emitted Color | Lens Appearance | Electro-Optical Data @ 20mA |             | Viewing Angle |
|--------------|--------------------------|---------------|-----------------|-----------------------------|-------------|---------------|
|              |                          |               |                 | Vf<br>(VDC/VAC)             | Iv<br>(mcd) |               |
|              |                          |               |                 | TYP                         | TYP         |               |
| PM5-A677W12V | X=0.31 Y=0.32            | WHITE         | SMOKED          | 12 VDC                      | 1200        | 120           |
| PM5-A677W28V | X=0.31 Y=0.33            | WHITE         | SMOKED          | 24-28 VDC                   | 1200        | 120           |

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

MAXIMUM POWER DISSIPATION \_\_\_\_\_ 700 mW  
 OPERATING TEMPERATURE RANGE \_\_\_\_\_ -40°C ~ 80°C  
 STORAGE TEMPERATURE \_\_\_\_\_ -40°C ~ 100°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 |  |
|                                                                                               |                 |                                                                                                                                                                     |  |
| DESIGNED:                                                                                     | DATE:           | <b>TITLE:</b> IP67 EMC PANEL MOUNT<br>LED ASSEMBLY, 8.1MM MOUNTING<br><b>PART NO:</b> PM5-A677XXXV<br><b>CAGE CODE :</b> 32559 <b>SHEET # 2 OF 2</b>                |  |
| <b>B. Oliver</b>                                                                              | <b>04/16/12</b> |                                                                                                                                                                     |  |
| CHECKED:                                                                                      | DATE:           | REVISION: <b>B</b><br>CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.                                                                                               |  |
| <b>T. Yin</b>                                                                                 | <b>04/16/12</b> |                                                                                                                                                                     |  |