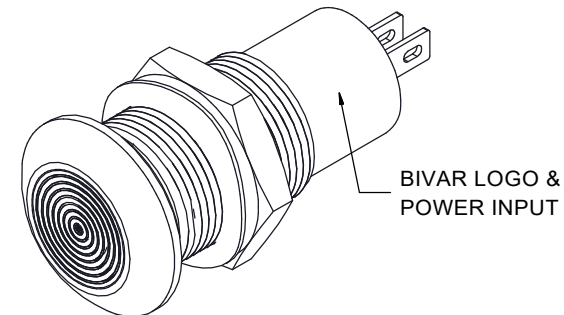
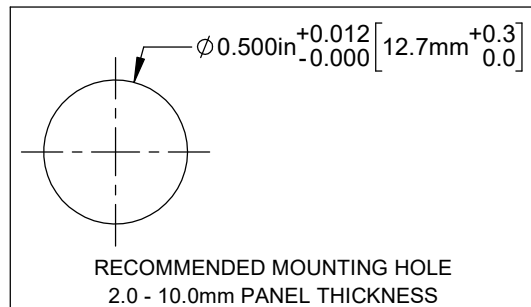
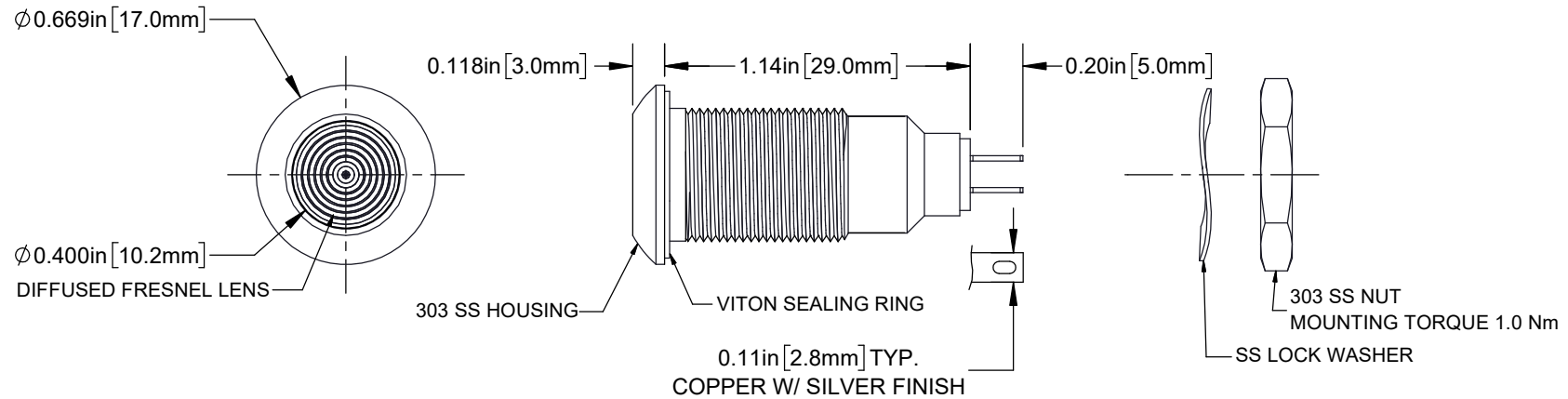




# THE DATASHEET OF PM5-S17Y28V

| REV. | DESCRIPTION                        | DATE       | APPROVED |
|------|------------------------------------|------------|----------|
| B    | Engineering Release                | 07/28/11   | T. Y.    |
| C    | Engineering Update w/o Changes     | 08/11/16   | J. C.    |
| D    | Updated per ECO-1159, EOL #E121622 | 12/21/2022 | A. Y.    |



## CUSTOMER USE DRAWING

### NOTES:

1. SEALED TO IP67 RATING
2. WIDE RANGE VOLTAGE INPUT
3. BI-POLAR OPERATION
4. ROHS COMPLIANT
5. MOUNTING HARDWARE SHIPPED NON-ASSEMBLED
6. INSERT VITON RING ON PANEL MOUNT ASSEMBLY PRIOR TO PANEL INSTALLATION

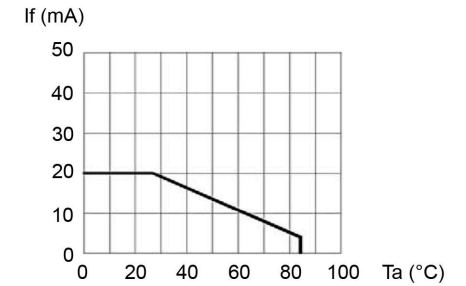
|                                                    |                   |                                                                                                                                                                                              |  |
|----------------------------------------------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| STANDARD TOLERANCE<br>(UNLESS OTHERWISE SPECIFIED) |                   | <br><b>BIVAR</b> <sup>®</sup><br>4 THOMAS, IRVINE, CA. 92618<br>TEL: (949) 951-8808 FAX: (949) 951-3974 |  |
| DECIMALS                                           | ANGULAR           |                                                                                                                                                                                              |  |
| .X ± .1                                            | X° ± 1°           |  <b>TITLE:</b> WATER TIGHT PANEL MOUNT<br>LED ASSEMBLY, 12.7MM MOUNTING                                 |  |
| .XX ± .02                                          |                   |                                                                                                                                                                                              |  |
| .XXX ± .010                                        |                   | <b>DRAWING NO:</b> PM5-S17XXX<br><b>REVISION:</b> D                                                                                                                                          |  |
| DESIGNED:<br>R. PAJE                               | DATE:<br>02/23/11 | <b>SHEET SIZE</b> A <b>CAGE CODE:</b> 32559                                                                                                                                                  |  |
| REVISED:<br>E. CHAN                                | DATE:<br>12/20/22 | <b>SCALE:</b> 1.5:1 <b>SHEET #</b> 1 OF 2                                                                                                                                                    |  |
| CHECKED:<br>A. VALDEZ                              | DATE:<br>12/20/22 | CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING                                                                                                                                               |  |

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

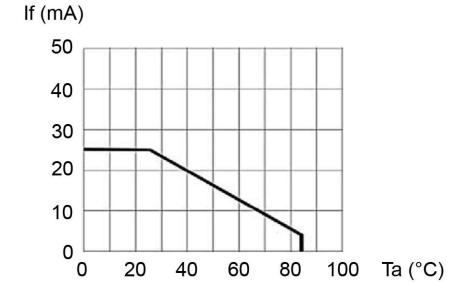
| Part Number | Peak Wave Length<br>$\lambda_p$ (nm) | Emitted Color | Lens Appearance | Electro-Optical Data @<br>20mA |             | Viewing Angle |
|-------------|--------------------------------------|---------------|-----------------|--------------------------------|-------------|---------------|
|             |                                      |               |                 | Vf<br>(VAC/DC)                 | Iv<br>(mcd) |               |
|             |                                      |               |                 | TYP                            | TYP         |               |
| PM5-S17R28V | 630                                  | RED           | RED DIFFUSED    | 12-28 VAC/VDC                  | 600         | 120           |
| PM5-S17Y28V | 585                                  | YELLOW        | YELLOW DIFFUSED | 12-28 VAC/VDC                  | 600         | 120           |
| PM5-S17G28V | 515                                  | GREEN         | GREEN DIFFUSED  | 12-28 VAC/VDC                  | 800         | 120           |
| PM5-S17B28V | 465                                  | BLUE          | BLUE DIFFUSED   | 12-28 VAC/VDC                  | 400         | 120           |

| Part Number | Chromaticity Coordinates | Emitted Color | Lens Appearance | Electro-Optical Data @<br>20mA |             | Viewing Angle |
|-------------|--------------------------|---------------|-----------------|--------------------------------|-------------|---------------|
|             |                          |               |                 | Vf<br>(VAC/DC)                 | Iv<br>(mcd) |               |
|             |                          |               |                 | TYP                            | TYP         |               |
| PM5-S17W28V | X=0.31, Y=0.32           | WHITE         | WHITE DIFFUSED  | 12-28 VAC/VDC                  | 1200        | 120           |

### DERATING CURVES



EMITTED COLORS: RED/YELLOW



EMITTED COLORS: GREEN/BLUE/WHITE

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

MAXIMUM POWER DISSIPATION \_\_\_\_\_ 825 mW  
 OPERATING TEMPERATURE RANGE \_\_\_\_\_ -40°C ~ 95°C  
 STORAGE TEMPERATURE \_\_\_\_\_ -40°C ~ 100°C

**CUSTOMER USE DRAWING**

|                                                |       |                           |                |
|------------------------------------------------|-------|---------------------------|----------------|
|                                                |       | <b>BIVAR</b> <sup>®</sup> |                |
| CAGE CODE:                                     | 32559 | DRAWING NO:<br>PM5-S17XXX | REVISION:<br>D |
| SHEET SIZE:                                    | A     | SCALE: 1.5:1              | SHEET # 2 OF 2 |
| CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING |       |                           |                |

## Looking for pricing, stock, or lifecycle information?

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