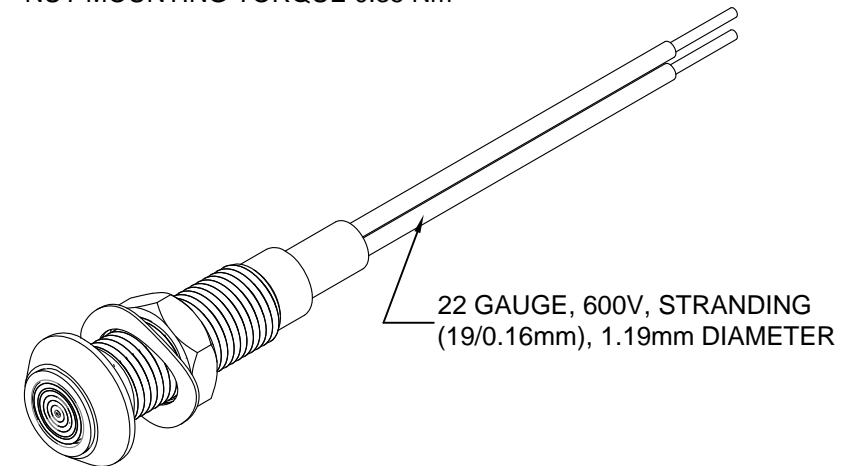
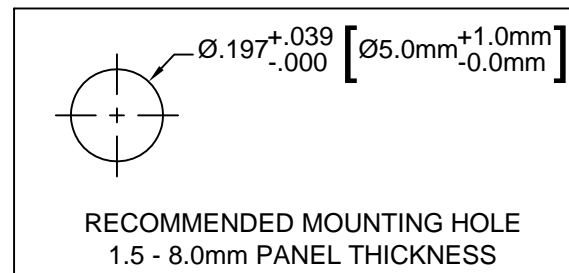
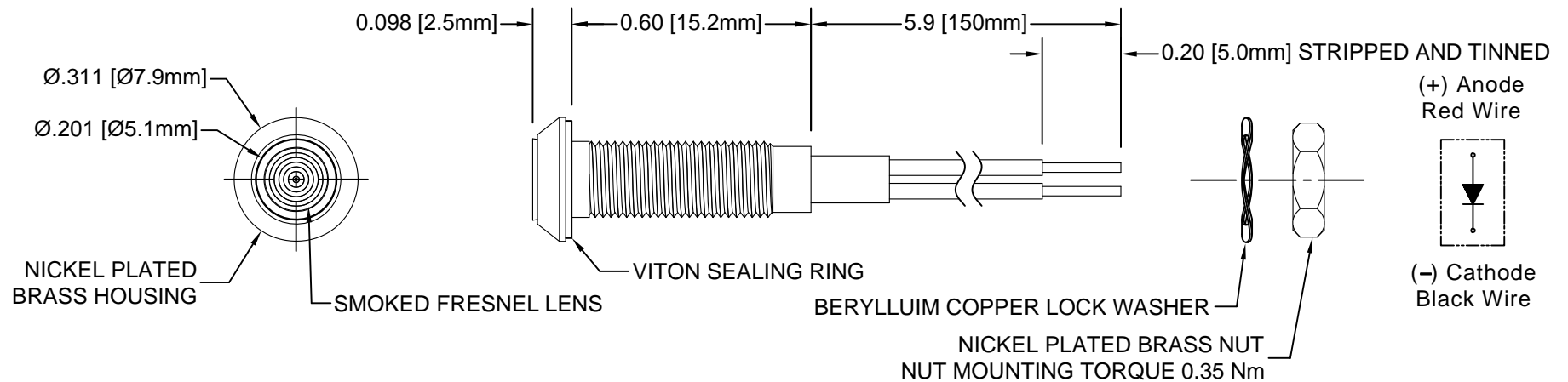


| REV. | DESCRIPTION | DATE | APPROVED |
|------|--------------------------------|----------|----------|
| B | Engineering Release | 07/28/11 | T. Y. |
| C | Added Wire Specs | 02/13/13 | T. Y. |
| D | Engineering Update w/o Changes | 08/11/16 | J. C. |
| | | | |
| | | | |



NOTES:

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

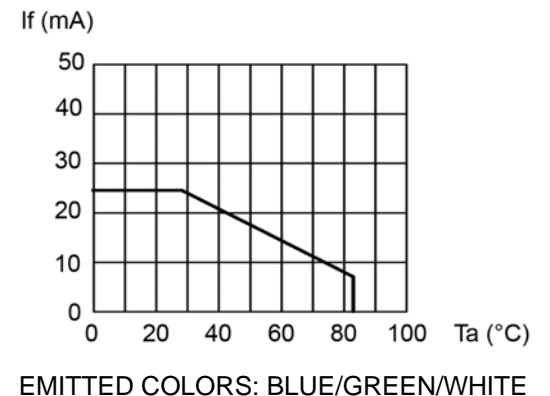
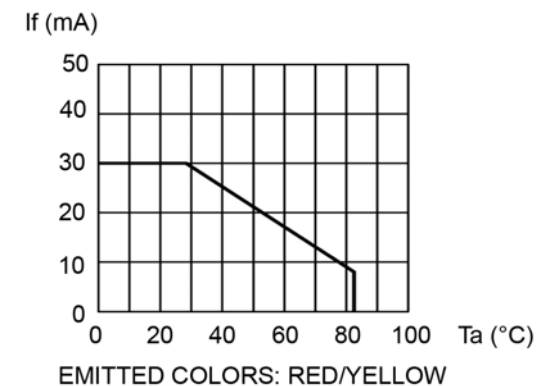
| | | | |
|--|--------------------------|--|-----------------------|
| STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED) | | 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974 | |
| DECIMALS | ANGULAR | | |
| .X ± .1 | X° ± 1° | | |
| .XX ± .02 | | | |
| .XXX ± .010 | | TITLE: WATER TIGHT PANEL MOUNT LED ASSEMBLY, 5MM MOUNTING | |
| DESIGNED: R. Paje | DATE: 02/23/11 | PART NO: PM5-B5XXX | REVISION: D |
| CHECKED: T. Yin | DATE: 02/23/11 | CAGE CODE : 32559 | SHEET # 1 OF 2 |
| CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING. | | | |

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

| Part Number | Peak Wave Length λ_p (nm) | Emitted Color | Lens Appearance | Abs. Max. Rating | Electro-Optical Data @ 20mA | | Viewing Angle |
|-------------|--------------------------------------|---------------|-----------------|------------------|-----------------------------|----------|---------------|
| | | | | Vr (VDC) | Vf (VDC) | Iv (mcd) | |
| | | | | MAX | TYP | TYP | |
| PM5-B5R2.0V | 660 | RED | SMOKED | 3 | 2.0 | 39 | 120 |
| PM5-B5Y2.0V | 585 | YELLOW | SMOKED | 3 | 2.0 | 87 | 120 |
| PM5-B5G3.4V | 525 | GREEN | SMOKED | 3 | 3.4 | 576 | 120 |
| PM5-B5B3.4V | 470 | BLUE | SMOKED | 3 | 3.4 | 128 | 120 |
| PM5-B5R28V | 660 | RED | SMOKED | 75 | 24-28 | 39 | 120 |
| PM5-B5Y28V | 585 | YELLOW | SMOKED | 75 | 24-28 | 87 | 120 |
| PM5-B5G28V | 525 | GREEN | SMOKED | 75 | 24-28 | 576 | 120 |
| PM5-B5B28V | 470 | BLUE | SMOKED | 75 | 24-28 | 128 | 120 |



| Part Number | Chromaticity Coordinates | Emitted Color | Lens Appearance | Reverse Voltage | Electro-Optical Data @ 20mA | | Viewing Angle |
|-------------|--------------------------|---------------|-----------------|-----------------|-----------------------------|----------|---------------|
| | | | | Vr (VDC) | Vf (VDC) | Iv (mcd) | |
| | | | | MAX | TYP | TYP | |
| PM5-B5W3.4V | X=.29, Y=.30 | WHITE | SMOKED | 3 | 3.4 | 414 | 120 |
| PM5-B5W28V | X=.29, Y=.30 | WHITE | SMOKED | 75 | 24-28 | 414 | 120 |

DERATING CURVES



ABSOLUTE MAXIMUM RATINGS (Ta = 25°C)

MAXIMUM POWER DISSIPATION _____ 425 mW
 OPERATING TEMPERATURE RANGE _____ -30°C ~ 85°C
 STORAGE TEMPERATURE _____ -40°C ~ 85°C

| | | | |
|--|--------------------------|---|-----------------------|
| STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED) | |  4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974 | |
| DECIMALS | ANGULAR | | |
| DESIGNED: R. Paje | DATE: 02/23/11 |  TITLE: WATER TIGHT PANEL MOUNT LED ASSEMBLY, 5MM MOUNTING | |
| CHECKED: T. Yin | DATE: 02/23/11 | PART NO: PM5-B5XXX | REVISION: D |
| | | CAGE CODE : 32559 | SHEET # 2 OF 2 |
| CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING. | | | |