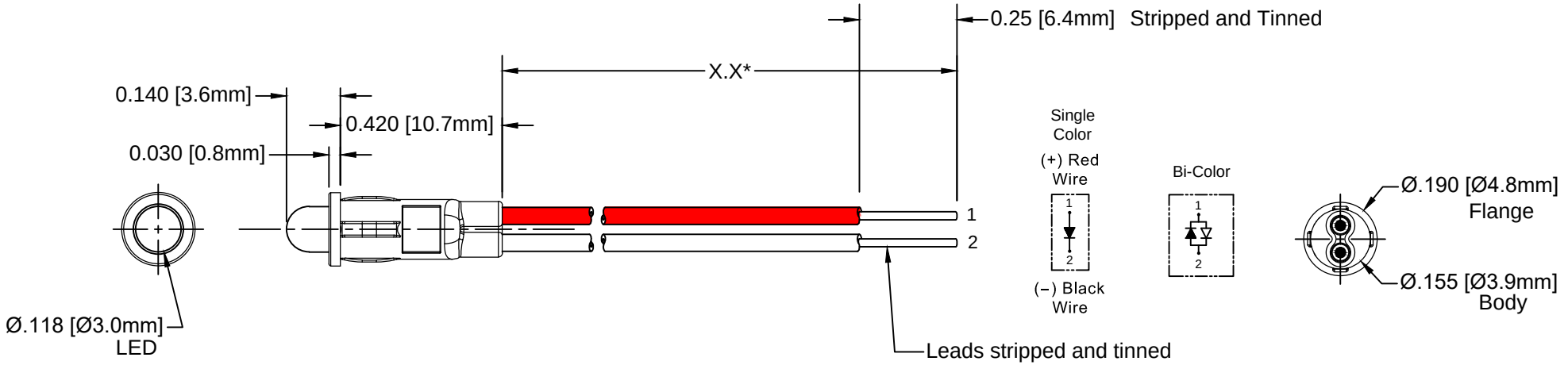
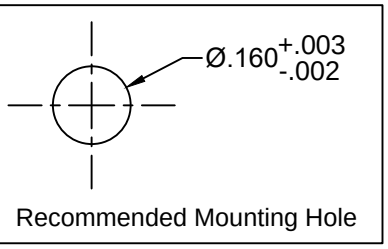
| REV. | DESCRIPTION | DATE | APPROVED |
|---|---|---|---|
| A | Engineering Release | 02/05/08 | M. C. |
| B | Updated Bi-Color Polarity | 09/09/08 | M. C. |
| C | LED Spec Update | 03/22/10 | T. Y. |
| D | Bi-Color LED Spec Update | 06/24/11 | T. Y. |
| E | Updated LED Offering | 05/01/12 | T. Y. |
| F | Updated BOM Item 1 | 11/12/12 | T. Y. |
| G | Corrected LED P/N Typo | 10/14/13 | G. W. |
| H | Updated LED Optical Characteristics | 09/15/15 | J. C. |
| J | Updated per EOL Notice | 06/17/20 | A. V. |




| BI-COLOR POLARITY | | |
|---|---|---|
| LED P/N | (1) Cathode | (2) Cathode |
| 3BC | Green | Red |
| 3BC-Y/G | Green | Yellow |
| 3BC-A/G | Green | Amber |




EXAMPLE:

PM3RDW6.5*

- PM3 — Series
- RD — LED Color, Lens Appearance
- W6.5* — Wire Length in inches

CUSTOMER USE DRAWING

# 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 (UNLESS OTHERWISE SPECIFIED)

| DECIMALS | ANGULAR |
|---|---|
| .X ± .1 | X° ± 1° |
| .XX ± .02 | |
| .XXX ± .010 | |


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| | | | |
|---|---|---|---|
| DESIGNED: Raffy Paje | DATE: 02/05/08 | TITLE: STD PANEL MOUNT INDICATORS W/ WIRES | |
| REVISED: V. Chavez | DATE: 06/17/20 | DRAWING NO: PM3XXXWX.X | REVISION: J |
| CHECKED: A. Valdez | DATE: 06/17/20 | SHEET SIZE: A | CAGE CODE: 32559 |
| | | SCALE: N/A | SHEET # 1 OF 3 |

CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING

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

| LED Assy. No. | Chip | | | Lens Appearance | Electro-Optical Data @ 20mA | | | | Viewing Angle 2 θ ½ (Deg) | LED P/N |
|---|---|---|---|---|---|---|---|---|---|---|
| | Material | Peak Wave Length | Emitted Color | | If (mA) | Vf (V) | | Iv (mcd) | | |
| | | | | | MAX | TYP | MAX | TYP | | |
| PM3BWDWX.X | GaN/SiC | 430 | BLUE | DIFFUSED | 25 | 4 | 4.5 | 10 | 40 | 3BWD-S |
| PM3GCWX.X | GaP/GaP | 568 | GREEN | WATER CLEAR | 30 | 2.1 | 2.8 | 40 | 30 | 3GC-S |
| PM3GDWX.X | GaP/GaP | 568 | GREEN | DIFFUSED | 30 | 2.1 | 2.8 | 25 | 40 | 3GD-S |
| PM3PGCWX.X | GaP/GaP | 555 | PURE GREEN | WATER CLEAR | 30 | 2.2 | 2.8 | 10 | 30 | 3PGC-S |
| PM3YCWX.X | GaAsP/GaP | 590 | YELLOW | WATER CLEAR | 30 | 2 | 2.8 | 40 | 30 | 3YC-S |
| PM3YDWX.X | GaAsP/GaP | 590 | YELLOW | DIFFUSED | 30 | 2 | 2.8 | 20 | 40 | 3YD-S |
| PM3ACWX.X | GaAsP/GaP | 605 | AMBER | WATER CLEAR | 30 | 2 | 2.8 | 40 | 30 | 3AC-S |
| PM3ADWX.X | GaAsP/GaP | 605 | AMBER | DIFFUSED | 30 | 2 | 2.8 | 25 | 40 | 3AD-S |
| PM3HDWX.X | GaAsP/GaP | 625 | HE RED | DIFFUSED | 30 | 2 | 2.8 | 30 | 40 | 3HD-S |
| PM3RCWX.X | GaP/GaP | 700 | RED | WATER CLEAR | 20 | 2.1 | 2.8 | 2.5 | 30 | 3RC-S |
| PM3RDWX.X | GaP/GaP | 700 | RED | DIFFUSED | 20 | 2.1 | 2.8 | 2 | 40 | 3RD-S |
| PM3BC-A/GWX.X | GaAsP/GaP | 605 | AMBER | DIFFUSED | 30 | 2.0 | 2.8 | 6 | 45 | 3BC-A/G |
| | GaP/GaP | 568 | GREEN | | 30 | 2.1 | 2.8 | 6 | | |
| PM3BCWX.X | GaAsP/GaP | 625 | RED | DIFFUSED | 30 | 2.0 | 2.8 | 6 | 45 | 3BC |
| | GaP/GaP | 568 | GREEN | | 30 | 2.1 | 2.8 | 6 | | |
| PM3BC-Y/GWX.X | GaAsP/GaP | 590 | YELLOW | DIFFUSED | 30 | 2.0 | 2.8 | 4 | 45 | 3BC-Y/G |
| | GaP/GaP | 568 | GREEN | | 30 | 2.1 | 2.8 | 6 | | |

CUSTOMER USE DRAWING

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| CAGE CODE | 32559 | DRAWING NO: PM3XXXWX.X | REVISION: J |
|---|---|---|---|
| SHEET SIZE | A | SCALE: N/A | SHEET # 2 OF 3 |
| | | CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING | |

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

| LED Assy. No. | Chip | | | Lens Appearance | Electro-Optical Data @ 20mA | | | | Viewing Angle 2 θ ½ (Deg) | LED P/N |
|---|---|---|---|---|---|---|---|---|---|---|
| | Material | Peak Wave Length | Emitted Color | | If (mA) | Vf (V) | | Iv (mcd) | | |
| | | | | | MAX | TYP | MAX | TYP | | |
| PM3UBWCWX.X | GaN/SiC | 470 | BLUE | WATER CLEAR | 30 | 4 | 4.5 | 400 | 30 | 3UBWC-0.6K |
| PM3SGCWX.X | GaP/GaP | 568 | GREEN | WATER CLEAR | 30 | 2.1 | 2.8 | 50 | 30 | 3SGC-S |
| PM3SGDWX.X | GaP/GaP | 568 | GREEN | DIFFUSED | 30 | 2.1 | 2.8 | 30 | 40 | 3SGD-S |
| PM3SADWX.X | AlGaInP | 605 | AMBER | DIFFUSED | 30 | 1.8 | 2.4 | 100 | 40 | 3SAD-S |
| PM3SRCWX.X | GaAlAs/GaAs | 645 | SUPER RED | WATER CLEAR | 30 | 1.7 | 2.4 | 60 | 30 | 3SRC-S |
| PM3SRDWX.X | GaAlAs/GaAs | 645 | SUPER RED | DIFFUSED | 30 | 1.7 | 2.4 | 40 | 40 | 3SRD-S |
| PM3UGCWX.X | AlGaInP | 570 | GREEN | WATER CLEAR | 30 | 2.1 | 2.4 | 200 | 30 | 3UGC-S |
| PM3SUGCWX.X | AlGaInP | 570 | GREEN | WATER CLEAR | 30 | 2.1 | 2.4 | 300 | 30 | 3SUGC-S |
| PM3UOCWX.X | AlGaInP | 625 | ORANGE | WATER CLEAR | 30 | 1.8 | 2.4 | 300 | 30 | 3UOC-S |
| PM3SURCWX.X | AlGaInP | 640 | RED | WATER CLEAR | 30 | 1.8 | 2.4 | 200 | 30 | 3SURC-S |
| PM3UWCWX.X | InGaN/Sappire | 6500K | WHITE | WATER CLEAR | 30 | 3.2 | 3.6 | 5000 | 30 | 3UWC1.030C |

| LED Assy. No. | Chip | | | Lens Appearance | Absolute Max. Ratings | | | Electro-Optical Data @ 2mA | | | Viewing Angle 2 Y ½ (Deg) | LED P/N |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Material | Peak Wave Length λp(nm) | Emitted Color | | Pd (mW) | If (mA) | Peak If(mA) | Vf (V) | | Iv (mcd) | | |
| | | | | | | | | TYP | MAX | TYP | | |
| PM3GDLWX.X | GaP/GaP | 568 | GREEN | DIFFUSED | 10 | 7 | - | 2.1 | 2.6 | 2.0 | 40 | 3GDL-S |
| PM3YDLWX.X | GaAsP/GaP | 590 | YELLOW | DIFFUSED | 10 | 7 | - | 2.0 | 2.6 | 2.0 | 40 | 3YDL-S |
| PM3HDLWX.X | GaAsP/GaP | 625 | HE RED | DIFFUSED | 10 | 7 | - | 2.0 | 2.6 | 2.5 | 40 | 3HDL-S |
| PM3RDLWX.X | GaP/GaP | 700 | RED | DIFFUSED | 10 | 7 | - | 2.1 | 2.6 | 0.5 | 40 | 3RDL-S |

CUSTOMER USE DRAWING

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| CAGE CODE | 32559 | DRAWING NO: PM3XXXWX.X | REVISION: J |
|---|---|---|---|
| SHEET SIZE | A | SCALE: N/A | SHEET # 3 OF 3 |
| | | CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING | |