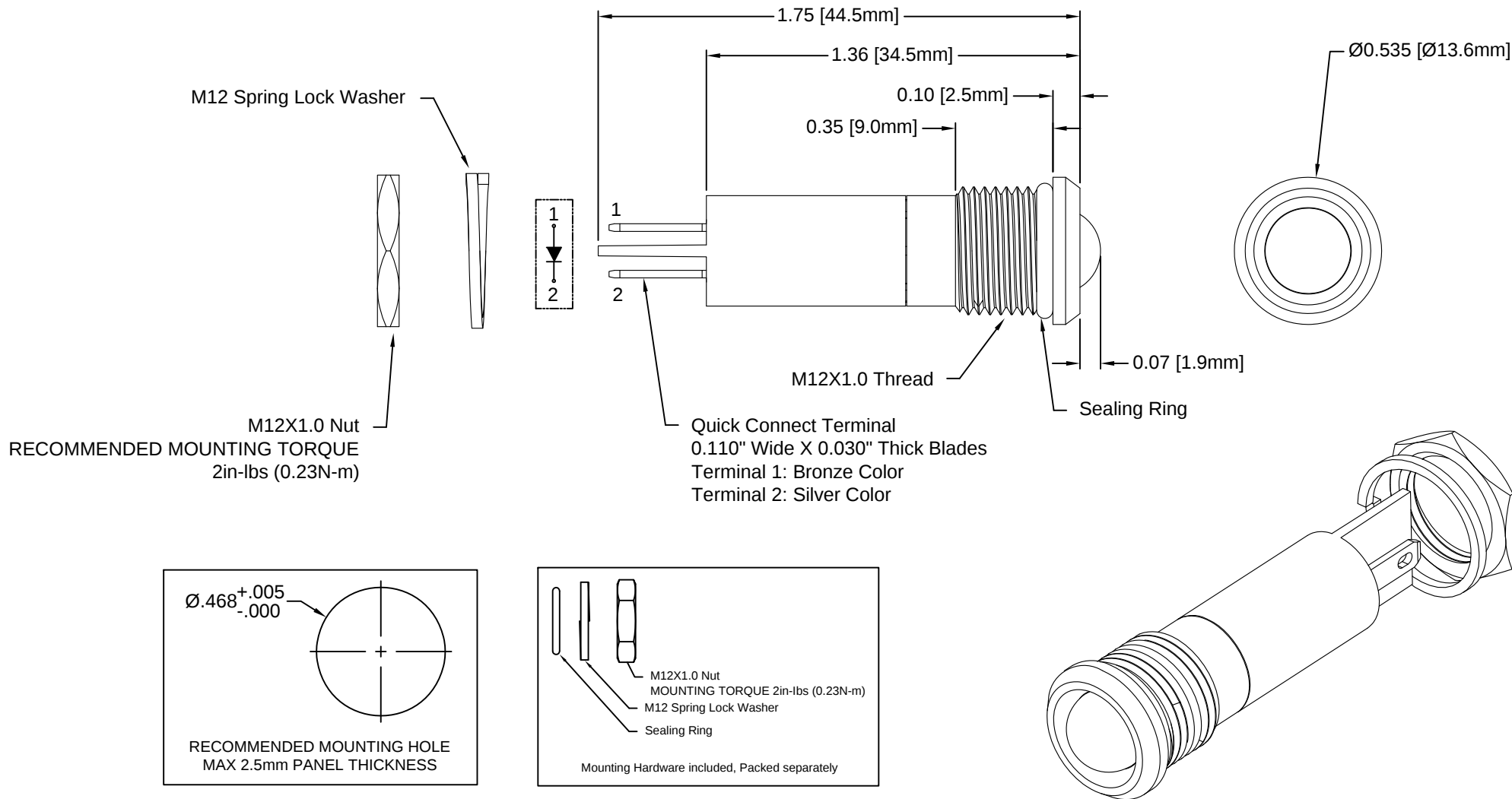


| REV. | DESCRIPTION                    | DATE     | APPROVED |
|------|--------------------------------|----------|----------|
| A    | Engineering Release            | 08/13/14 | J. C.    |
| B    | Engineering Update w/o Changes | 08/11/16 | J. C.    |
|      |                                |          |          |
|      |                                |          |          |



|                                                      |                   |                                                                                                                                                                 |                |
|------------------------------------------------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 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°           |                                                                            |                |
| .XX ± .02                                            |                   |                                                                                                                                                                 |                |
| .XXX ± .010                                          |                   | TITLE: MPC12-1 SERIES, IP54 RATED<br>PANEL MOUNT INDICATOR                                                                                                      |                |
| DESIGNED:<br>M. Doan                                 | DATE:<br>08/13/14 | PART NO:<br>MPC12-1XDXXV                                                                                                                                        | REVISION:<br>B |
| CHECKED:<br>B. Oliver                                | DATE:<br>08/13/14 | CAGE CODE : 32559                                                                                                                                               | SHEET # 1 OF 2 |
| CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING.      |                   |                                                                                                                                                                 |                |

- NOTES:
1. SEALED TO IP54 RATING
  2. VOLTAGE INPUT OPTIONS: 12V/24V/110V/220V
  3. ROHS COMPLIANT
  4. MOUNTING HARDWARE PACKED SEPARATELY NON-ASSEMBLED
  5. INSERT SEALING RING ON PANEL MOUNT ASSEMBLY PRIOR TO PANEL INSTALLATION

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

| Part Number    | Dominant Wave Length<br>$\lambda_d$ (nm) | Emitted Color | Lens Appearance | Voltage | Luminous Intensity (mcd) | Viewing Angle (degree) |
|----------------|------------------------------------------|---------------|-----------------|---------|--------------------------|------------------------|
| MPC12-1RD12V   | 625                                      | Red           | Diffused        | 12V     | 415                      | 45                     |
| MPC12-1GD12V   | 525                                      | Green         | Diffused        | 12V     | 1880                     | 45                     |
| MPC12-1YD12V   | 590                                      | Yellow        | Diffused        | 12V     | 415                      | 45                     |
| MPC12-1BWD12V  | 470                                      | Blue          | Diffused        | 12V     | 835                      | 45                     |
| MPC12-1WD12V   | x=0.36, y=0.32                           | White         | Diffused        | 12V     | 7315                     | 45                     |
| MPC12-1RD24V   | 625                                      | Red           | Diffused        | 24V     | 415                      | 45                     |
| MPC12-1GD24V   | 525                                      | Green         | Diffused        | 24V     | 1880                     | 45                     |
| MPC12-1YD24V   | 590                                      | Yellow        | Diffused        | 24V     | 415                      | 45                     |
| MPC12-1BWD24V  | 470                                      | Blue          | Diffused        | 24V     | 835                      | 45                     |
| MPC12-1WD24V   | x=0.36, y=0.32                           | White         | Diffused        | 24V     | 7315                     | 45                     |
| MPC12-1RD110V  | 625                                      | Red           | Diffused        | 110V    | 20                       | 45                     |
| MPC12-1GD110V  | 525                                      | Green         | Diffused        | 110V    | 205                      | 45                     |
| MPC12-1YD110V  | 590                                      | Yellow        | Diffused        | 110V    | 20                       | 45                     |
| MPC12-1BWD110V | 470                                      | Blue          | Diffused        | 110V    | 70                       | 45                     |
| MPC12-1WD110V  | x=0.36, y=0.32                           | White         | Diffused        | 110V    | 250                      | 45                     |
| MPC12-1RD220V  | 625                                      | Red           | Diffused        | 220V    | 10                       | 45                     |
| MPC12-1GD220V  | 525                                      | Green         | Diffused        | 220V    | 100                      | 45                     |
| MPC12-1YD220V  | 590                                      | Yellow        | Diffused        | 220V    | 10                       | 45                     |
| MPC12-1BWD220V | 470                                      | Blue          | Diffused        | 220V    | 35                       | 45                     |
| MPC12-1WD220V  | x=0.36, y=0.32                           | White         | Diffused        | 220V    | 125                      | 45                     |

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

POWER INPUT \_\_\_\_\_ 0.5W MAX  
 OPERATING TEMPERATURE RANGE \_\_\_\_\_ -40°C ~ 80°C  
 STORAGE TEMPERATURE \_\_\_\_\_ -40°C ~ 80°C  
 TERMINAL SOLDERING TEMPERATURE \_\_\_\_\_ 260°C, 5s

|                                                                                        |                          |                                                                                                                                                                    |                       |
|----------------------------------------------------------------------------------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| STANDARD TOLERANCE<br>( UNLESS OTHERWISE SPECIFIED )<br><u>DECIMALS</u> <u>ANGULAR</u> |                          | <br>4 THOMAS, IRVINE, CA. 92618<br>TEL: (949) 951-8808    FAX: (949) 951-3974 |                       |
|   |                          | TITLE: MPC12-1 SERIES, IP54 RATED<br>PANEL MOUNT INDICATOR                                                                                                         |                       |
| DESIGNED:<br><b>M. Doan</b>                                                            | DATE:<br><b>08/13/14</b> | PART NO:<br><b>MPC12-1XDXXV</b>                                                                                                                                    | REVISION:<br><b>B</b> |
| CHECKED:<br><b>B. Oliver</b>                                                           | DATE:<br><b>08/13/14</b> | CAGE CODE : 32559                                                                                                                                                  | SHEET # 2 OF 2        |
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[MPC12-1GD220V](#) [MPC12-1BWD220V](#) [MPC12-1WD110V](#) [MPC12-1WD12V](#) [MPC12-1BWD12V](#) [MPC12-1YD12V](#)  
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