



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

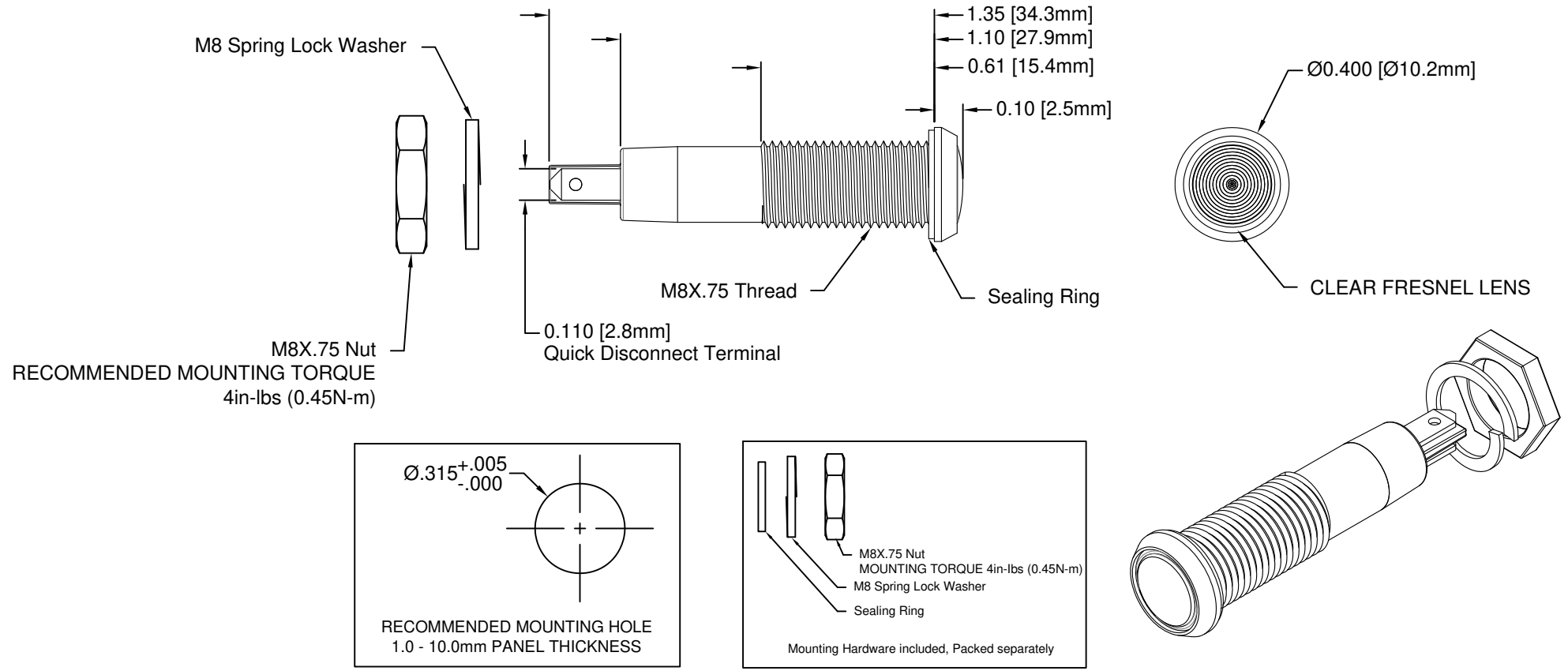
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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China


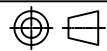


| REV. | DESCRIPTION                    | DATE     | APPROVED |
|------|--------------------------------|----------|----------|
| H    | Engineering Release            | 02/24/14 | J. C.    |
| J    | Engineering Update w/o Changes | 08/14/16 | J. C.    |
|      |                                |          |          |
|      |                                |          |          |



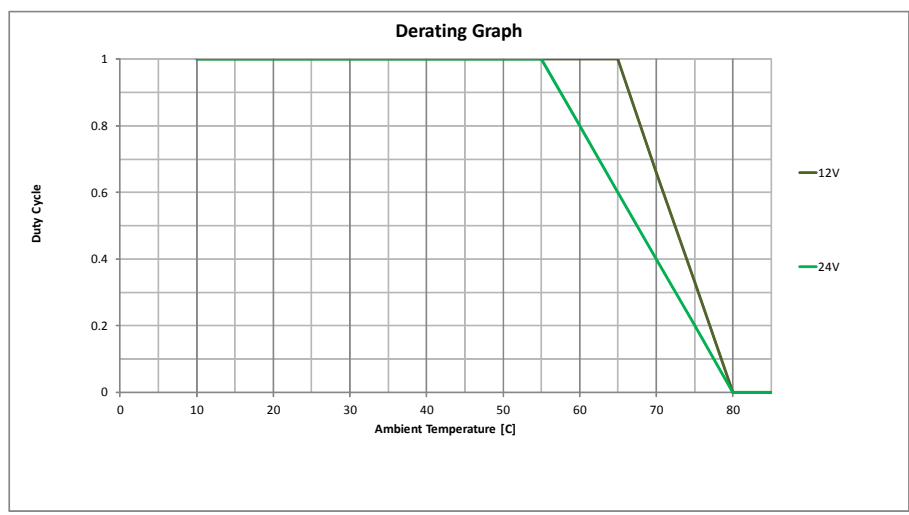
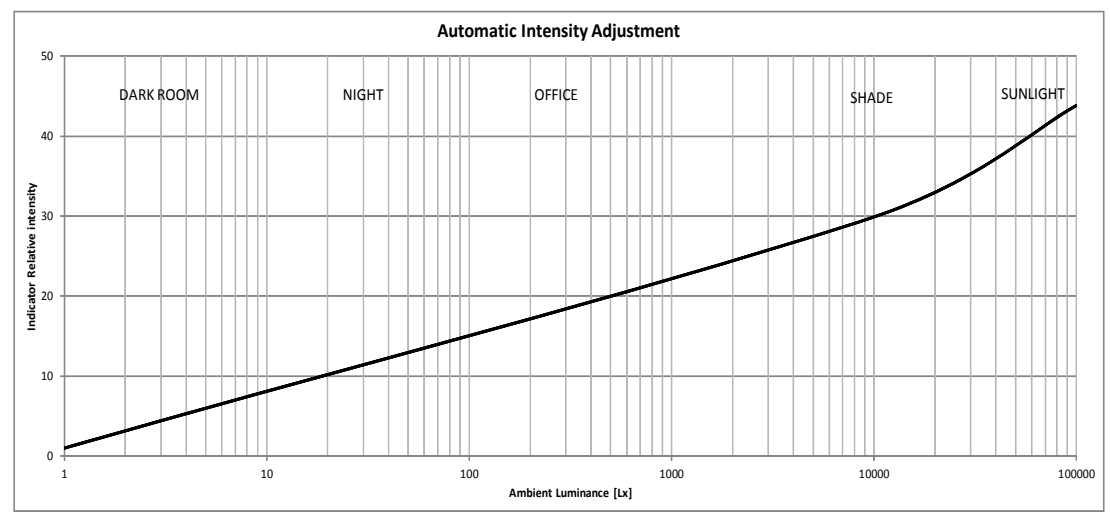
**NOTES:**

1. SEALED TO IP67 RATING
2. WIDE RANGE VOLTAGE INPUT: 12 - 24VAC / DC (Ta = 25C)
3. BI-POLAR OPERATION
4. ROHS COMPLIANT
5. MOUNTING HARDWARE PACKED SEPARATELY NON-ASSEMBLED
6. INSERT RUBBER SEALING RING ON PANEL MOUNT ASSEMBLY PRIOR TO PANEL INSTALLATION
7. LIGHT OUTPUT ADJUSTS AUTOMATICALLY UPON AMBIENT LIGHTING CONDITIONS
8. VISIBLE ON AXIS FROM 0 ~ 150KLx INCIDENT LIGHT (DAYLIGHT, 6500K CCT)

|  |                          |  |   |
|--|--------------------------|--|---|
| STANDARD TOLERANCE<br>(UNLESS OTHERWISE SPECIFIED) |                          | <br>4 THOMAS, IRVINE, CA. 92618<br>TEL.: (949) 951-8808 FAX: (949) 951-3974 |   |
| DECIMALS   | ANGULAR                  |  |   |
| .X ± .1  | X° ± 1°                  |   | TITLE: PM5-M124 SERIES<br>PANEL MOUNT INDICATOR |
| .XX ± .02  |                          |  | PART NO: PM5-M124-XXX                           |
| .XXX ± .010  |                          |  | REVISION: J                                     |
| DESIGNED:<br><b>B. Oliver</b>                      | DATE:<br><b>07/25/13</b> | CAGE CODE : 32559  | SHEET # 1 OF 2                                  |
| CHECKED:<br><b>T. Yin</b>                          | DATE:<br><b>07/25/13</b> | CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING.  |   |

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


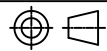
| Part Number  | Dominant Wave Length $\lambda_d$ (nm) | Emitted Color | Lens Appearance | Voltage       | TYP. LED Intensity Iv(mcd) @ 0Lx | Viewing Angle |
|--------------|---------------------------------------|---------------|-----------------|---------------|----------------------------------|---------------|
| PM5-M124-BLU | 465                                   | BLUE          | WATER CLEAR     | 12-24 VAC/VDC | 20                               | 100           |
| PM5-M124-GRN | 530                                   | GREEN         | WATER CLEAR     | 12-24 VAC/VDC | 20                               | 100           |
| PM5-M124-RED | 625                                   | RED           | WATER CLEAR     | 12-24 VAC/VDC | 20                               | 100           |
| PM5-M124-YLW | 590                                   | YELLOW        | WATER CLEAR     | 12-24 VAC/VDC | 20                               | 100           |



MAXIMUM PULSE DURATION \_\_\_\_\_ 1s  
 MINIMUM RECOMMENDED PULSE DURATION \_\_\_\_\_ 0.02s

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

INPUT VOLTAGE \_\_\_\_\_ 24VAC / VDC  
 INPUT CURRENT \_\_\_\_\_ 20mA  
 OPERATING TEMPERATURE RANGE \_\_\_\_\_ -40°C ~ 80°C  
 STORAGE TEMPERATURE \_\_\_\_\_ -40°C ~ 80°C  
 TERMINAL SOLDERING TEMPERATURE \_\_\_\_\_ 260°C, 5s

|   |                          |  |  |
|---|--------------------------|--|--|
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|  |                          |  |  |
| DESIGNED:<br><b>B. Oliver</b>   | DATE:<br><b>07/25/13</b> | <b>PART NO:</b> PM5-M124-XXX<br>REVISION: J  |  |
| CHECKED:<br><b>T. Yin</b>   | DATE:<br><b>07/25/13</b> | <b>CAGE CODE :</b> 32559 <b>SHEET # 2 OF 2</b><br>CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING.  |  |