



## 607 SERIES 7mm Panel Mount Indicators

### MECHANICAL / SPECIFICATIONS

MOUNTING HOLE SIZE:  
0.283" (7.2 mm)

MAX PANEL THICKNESS: See part numbers

MOUNTING TORQUE:  
0.362 lbs/ft (5 kg/cm)  
0.217 lbs/ft or 3 kg/cm (Figure 5 only)

VOLTAGE OPTIONS:  
2 VDC and 3 VDC (resistor required)  
6, 12 and 24 VDC (no resistor required)

ELECTRICAL CONNECTION:  
Solder terminals

HOUSING:  
Protruding and recessed positions:  
Brass-Chrome Plated

INTERNAL POSITION: Polycarbonate

TERMINALS:  
Copper-Nickel Plated

LOCK WASHER:  
Iron-Nickel Plated

NUT:  
Brass-Nickel Plated

### CERTIFICATIONS & RATINGS

RoHS compliant  
NEMA 4X (Watertight only)  
IP66 (Watertight only)

### APPLICATION

The 607 Series LED Panel Mount Indicators are designed for a variety of applications such as:

- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation

### DIMENSIONS inches [mm]

FIGURE 1 - PROTRUDING - Non-Polarized

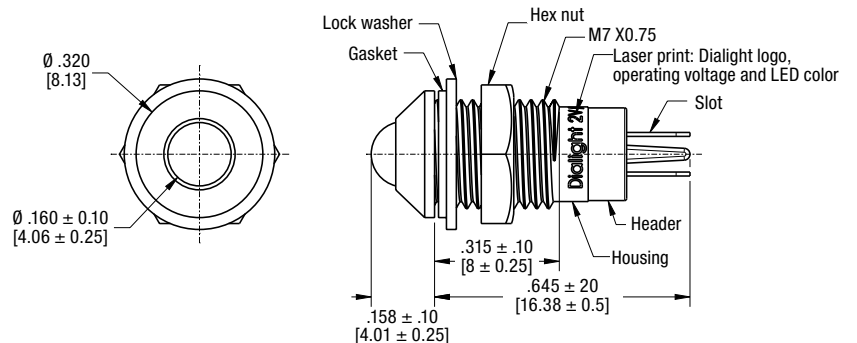
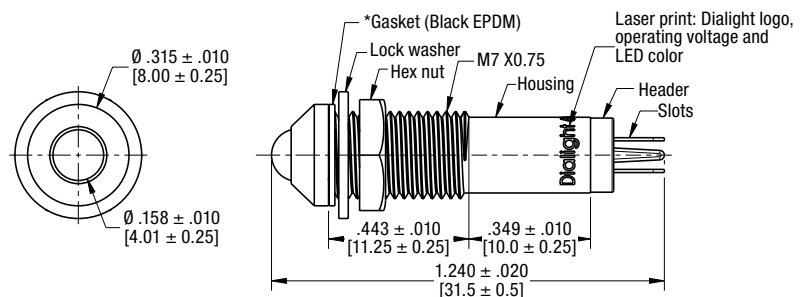


FIGURE 2 - PROTRUDING - Non-Polarized



\*Gasket only available on part number 607-1X12-3X0F

DIMENSIONS (Cont'd) inches [mm]

FIGURE 3 - RECESSED - Non-Polarized

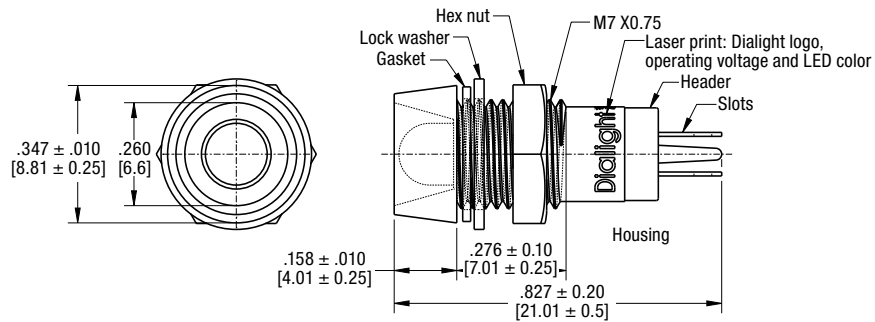
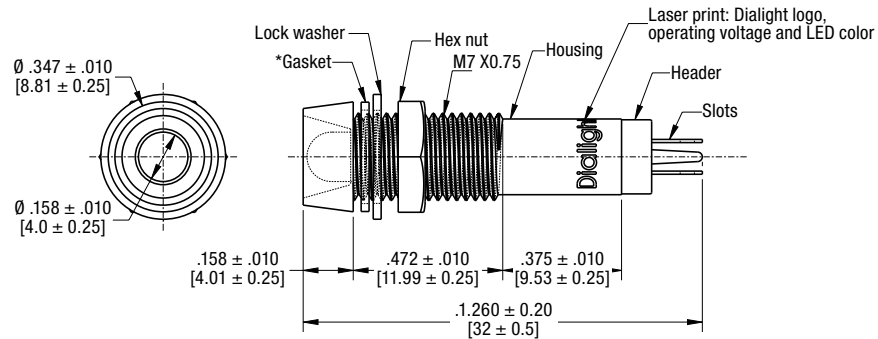
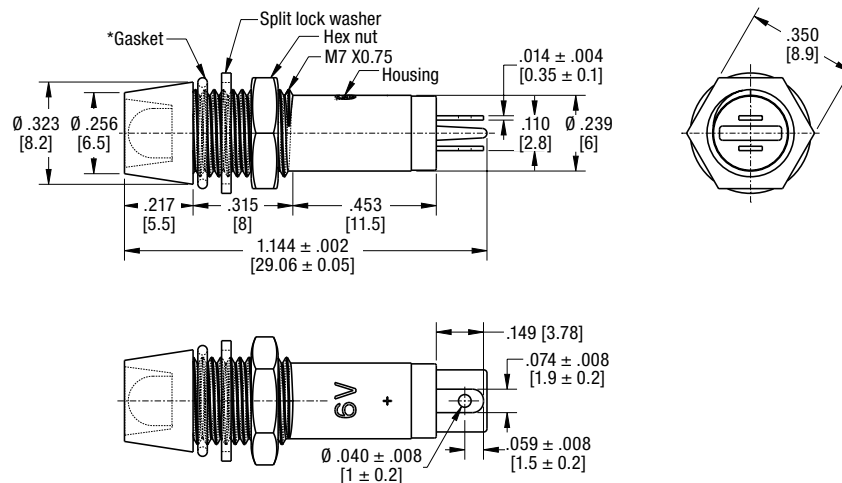


FIGURE 4 - RECESSED - Non-Polarized



\*Gasket only available on part number 607-2X12-3X0F

FIGURE 5 - INTERNAL - Polarized



\*Gasket only available on part number 607-3X32-3X0F

## ORDERING INFORMATION

ESD Footnote Codes: Part Number Guide All HBM Values

STANDARD WATERTIGHT

| Part Number | Part Number | Class | Color | Voltage (VDC) | Current (mA) | Intensity Typ. (mcd) | LED Positions | Polarity | Panel Thickness | Operating Temperature | Storage Temperature |
|-------------|-------------|-------|-------|---------------|--------------|----------------------|---------------|----------|-----------------|-----------------------|---------------------|
|-------------|-------------|-------|-------|---------------|--------------|----------------------|---------------|----------|-----------------|-----------------------|---------------------|

**Figure 1**

|                               |                               |    |        |   |    |    |            |               |                  |                |                |
|-------------------------------|-------------------------------|----|--------|---|----|----|------------|---------------|------------------|----------------|----------------|
| <a href="#">607-1112-110F</a> | <a href="#">607-1112-310F</a> | 1C | Red    | 2 | 20 | 40 | Protruding | Non-Polarized | 0.187" (4.75 mm) | -40°C to +85°C | -40°C to +85°C |
| <a href="#">607-1212-110F</a> | <a href="#">607-1212-310F</a> | 1C | Green  | 3 |    | 65 |            |               |                  | -40°C to +85°C | -40°C to +85°C |
| <a href="#">607-1312-110F</a> | <a href="#">607-1312-310F</a> | 1C | Yellow | 2 |    | 55 |            |               |                  | -25°C to +85°C | -25°C to +85°C |

**Figure 2**

|                               |                               |  |        |    |    |    |            |               |                  |                |                |
|-------------------------------|-------------------------------|--|--------|----|----|----|------------|---------------|------------------|----------------|----------------|
| <a href="#">607-1112-120F</a> | <a href="#">607-1112-320F</a> |  | Red    | 6  | 20 | 40 | Protruding | Non-Polarized | 0.265" (6.75 mm) | -40°C to +85°C | -40°C to +85°C |
| <a href="#">607-1212-120F</a> | <a href="#">607-1212-320F</a> |  | Green  |    |    | 65 |            |               |                  | -40°C to +85°C | -40°C to +85°C |
| <a href="#">607-1312-120F</a> | <a href="#">607-1312-320F</a> |  | Yellow |    |    | 55 |            |               |                  | -25°C to +85°C | -25°C to +85°C |
| <a href="#">607-1112-130F</a> | <a href="#">607-1112-330F</a> |  | Red    | 12 | 20 | 40 | Protruding | Non-Polarized | 0.265" (6.75 mm) | -40°C to +85°C | -40°C to +85°C |
| <a href="#">607-1212-130F</a> | <a href="#">607-1212-330F</a> |  | Green  |    |    | 65 |            |               |                  | -40°C to +85°C | -40°C to +85°C |
| <a href="#">607-1312-130F</a> | <a href="#">607-1312-330F</a> |  | Yellow |    |    | 55 |            |               |                  | -25°C to +85°C | -25°C to +85°C |

**Figure 3**

|                               |                               |    |        |   |    |    |          |               |                  |                |                |
|-------------------------------|-------------------------------|----|--------|---|----|----|----------|---------------|------------------|----------------|----------------|
| <a href="#">607-2112-110F</a> | <a href="#">607-2112-310F</a> | 1C | Red    | 2 | 20 | 65 | Recessed | Non-Polarized | 0.136" (3.45 mm) | -40°C to +85°C | -40°C to +85°C |
| <a href="#">607-2212-110F</a> | <a href="#">607-2212-310F</a> | 1C | Green  | 3 |    | 85 |          |               |                  | -40°C to +85°C | -40°C to +85°C |
| <a href="#">607-2312-110F</a> | <a href="#">607-2312-310F</a> | 1C | Yellow | 2 |    | 70 |          |               |                  | -25°C to +85°C | -25°C to +85°C |

**Figure 4**

|                               |                               |  |        |    |    |    |          |               |                  |                |                |
|-------------------------------|-------------------------------|--|--------|----|----|----|----------|---------------|------------------|----------------|----------------|
| <a href="#">607-2112-120F</a> | <a href="#">607-2112-320F</a> |  | Red    | 6  | 20 | 65 | Recessed | Non-Polarized | 0.336" (8.50 mm) | -40°C to +85°C | -40°C to +85°C |
| <a href="#">607-2212-120F</a> | <a href="#">607-2212-320F</a> |  | Green  |    |    | 85 |          |               |                  | -40°C to +85°C | -40°C to +85°C |
| <a href="#">607-2312-120F</a> | <a href="#">607-2312-320F</a> |  | Yellow |    |    | 70 |          |               |                  | -25°C to +85°C | -25°C to +85°C |
| <a href="#">607-2112-130F</a> | <a href="#">607-2112-330F</a> |  | Red    | 12 | 20 | 65 | Recessed | Non-Polarized | 0.336" (8.50 mm) | -40°C to +85°C | -40°C to +85°C |
| <a href="#">607-2212-130F</a> | <a href="#">607-2212-330F</a> |  | Green  |    |    | 85 |          |               |                  | -40°C to +85°C | -40°C to +85°C |
| <a href="#">607-2312-130F</a> | <a href="#">607-2312-330F</a> |  | Yellow |    |    | 70 |          |               |                  | -25°C to +85°C | -25°C to +85°C |

**Figure 5**

|                               |                               |  |        |    |    |    |          |           |                  |                |                |
|-------------------------------|-------------------------------|--|--------|----|----|----|----------|-----------|------------------|----------------|----------------|
| <a href="#">607-3132-120F</a> | <a href="#">607-3132-320F</a> |  | Red    | 6  | 25 | 35 | Internal | Polarized | 0.187" (4.75 mm) | -40°C to +80°C | -40°C to +85°C |
| <a href="#">607-3232-120F</a> | <a href="#">607-3232-320F</a> |  | Green  |    | 30 | 45 |          |           |                  | -40°C to +85°C | -40°C to +85°C |
| <a href="#">607-3332-120F</a> | <a href="#">607-3332-320F</a> |  | Yellow |    | 30 | 40 |          |           |                  | -40°C to +85°C | -40°C to +85°C |
| <a href="#">607-3132-130F</a> | <a href="#">607-3132-330F</a> |  | Red    | 12 | 25 | 35 |          |           |                  | -40°C to +80°C | -40°C to +85°C |
| <a href="#">607-3232-130F</a> | <a href="#">607-3232-330F</a> |  | Green  |    | 30 | 45 |          |           |                  | -40°C to +85°C | -40°C to +85°C |
| <a href="#">607-3332-130F</a> | <a href="#">607-3332-330F</a> |  | Yellow |    | 30 | 40 |          |           |                  | -40°C to +85°C | -40°C to +85°C |
| <a href="#">607-3132-140F</a> | <a href="#">607-3132-340F</a> |  | Red    | 24 | 25 | 35 |          |           |                  | -40°C to +80°C | -40°C to +85°C |
| <a href="#">607-3232-140F</a> | <a href="#">607-3232-340F</a> |  | Green  |    | 30 | 45 |          |           |                  | -40°C to +85°C | -40°C to +85°C |
| <a href="#">607-3332-140F</a> | <a href="#">607-3332-340F</a> |  | Yellow |    | 30 | 40 |          |           |                  | -40°C to +85°C | -40°C to +85°C |



Dialight reserves the right to make changes at any time in order to supply the best product possible. The most current version of this document will always be available at:

[www.dialightsignalsandcomponents.com](http://www.dialightsignalsandcomponents.com)

Warranty Statement: Except for the warranty expressly provided for at: [www.dialight.com/resources/warranties/](http://www.dialight.com/resources/warranties/), Dialight disclaims any and all other warranties, express or implied, including, without limitation, any warranties of merchantability, fitness for a particular purpose, title, and noninfringement.