Dialight
Signals & Components

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678 SERIES

8mm High Intensity Panel Mount Indicators

MECHANICAL / SPECIFICATIONS

MOUNTING HOLE SIZE:
0.323" (8.2 mm) [Fig. 1 & 2];
0.335" (8.5 mm) [Fig. 3]

MAX PANEL THICKNESS:
see part number table

MOUNTING TORQUE:
0.271 lbs/ft (3 kg/cm) [Fig. 1 & 2]
0.362 lbs/ft (5 kg/cm) torque [Fig. 3]

OPERATING VOLTAGE:
2 & 3.3 V DC [Fig. 1 & 2]; 6, 12 & 24 V DC [Fig. 3]
(no resistor required)

OPERATING TEMP:
-20 °C to +75 °C (-4°F to 167°F)

STORAGE TEMP:
-40°C to +100°C (-40°F to 212°F)

ELECTRICAL CONNECTION:
Straight leads [Fig. 1 & 2]; Solder terminals or 6" wire leads [Fig. 3]

HOUSING:
Protruding: Chrome plated brass; Internal position: Polycarbonate

TERMINALS: Copper – Nickel Plated

LOCK WASHER: Iron – Nickel Plated

NUT: Brass – Nickel Plated

CERTIFICATIONS & RATINGS

RoHS compliant
IP66 (protruding type only)

APPLICATION

The 678 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

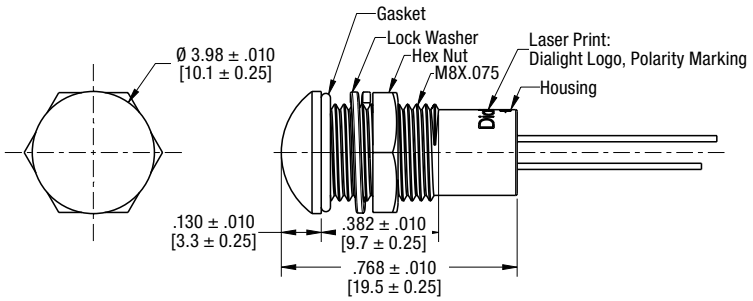
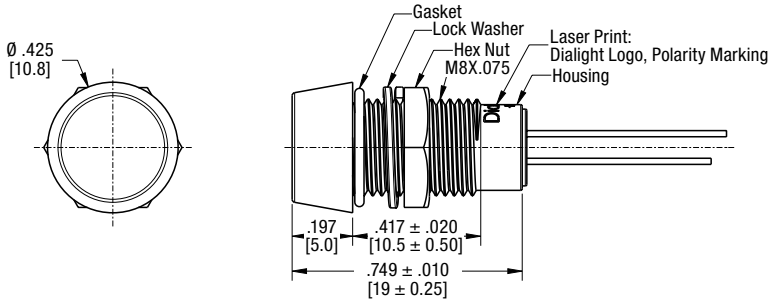


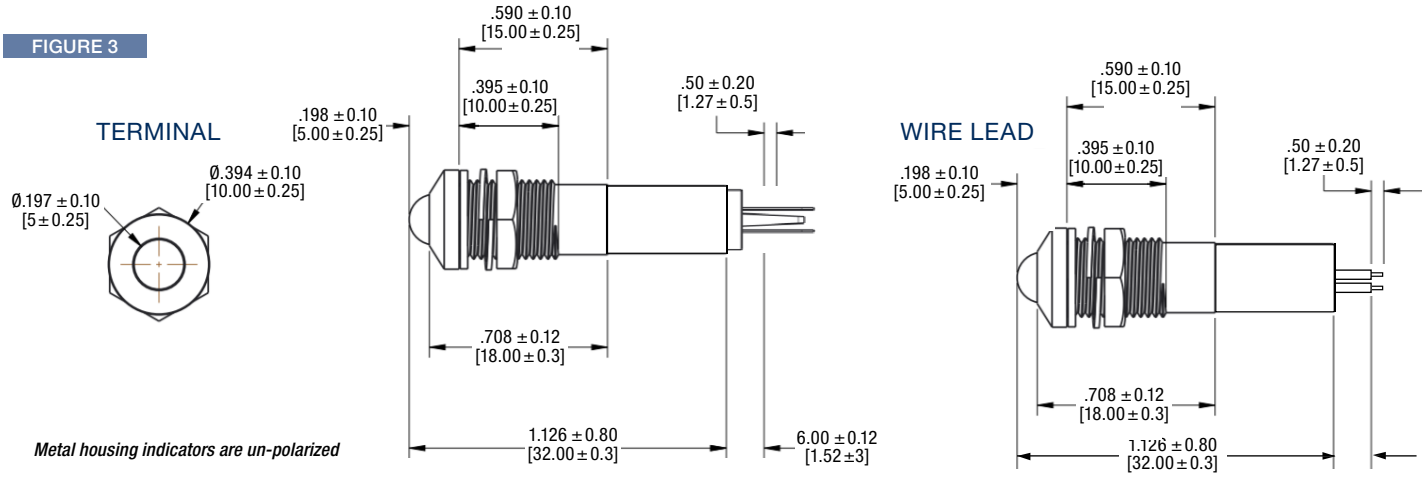
FIGURE 2



These indicators are un-polarized

DIMENSIONS inches [mm]

FIGURE 3



Metal housing indicators are un-polarized

ORDERING INFORMATION

ESD Footnote Codes: Part Number Guide All HBM Values

Part Number Straight Leads	Class	Color	Voltage (V DC)	Current (mA)	Typical Intensity (mcd)	Viewing Angle	LED Position	Fig. #	Mount Style	Panel Thickness
Polycarbonate										
678-1131-111F	1C	Red	2	15	2210	4	Internal	1	Lock washer & nut	.2165" (5.5 mm)
678-1231-112F		Green	3.3		46860					
678-1331-113F		Orange	2		2210					
678-1431-114F		Blue	3.3		7100					
678-3131-111F		Red	2		3020	40		2		
678-3231-112F		Green	3.3		30600	20				
678-3331-113F		Orange	2		3260	20				
678-3431-114F		Blue	3.3		4360	40				

White Nickel

Part Number Terminals	Part Number Wire Leads	Color	Voltage (V DC)	Current (mA)	Typical Intensity (mcd)	Viewing Angle	LED Position	Fig. #	Mount Style	Panel Thickness
678-1112-321F	678-1115-321F	Red	6	15	320	20	Protruding	3	Lock washer & nut	.3158" (8.0 mm)
678-1212-322F	678-1215-322F	Green			2920					
678-1312-323F	678-1315-323F	Orange			490					
678-1412-324F	678-1415-324F	Blue			220					
678-1112-331F	678-1115-331F	Red	12		320					
678-1212-332F	678-1215-332F	Green			2920					
678-1312-333F	678-1315-333F	Orange			490					
678-1412-334F	678-1415-334F	Blue			220					
678-1112-341F	678-1115-341F	Red	24		320					
678-1212-342F	678-1215-342F	Green			2920					
678-1312-343F	678-1315-343F	Orange			490					
678-1412-344F	678-1415-344F	Blue			220					

RoHS compliant

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