



Dimensions

inches [mm]

Figure 1

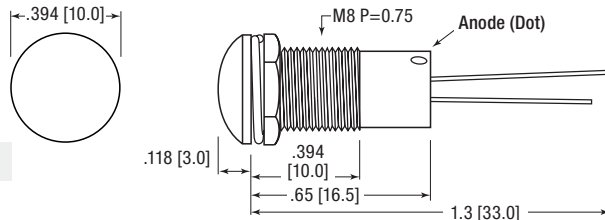


Figure 2

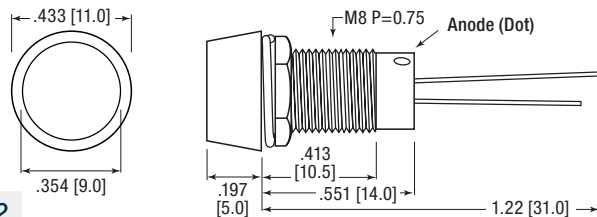


Figure 3

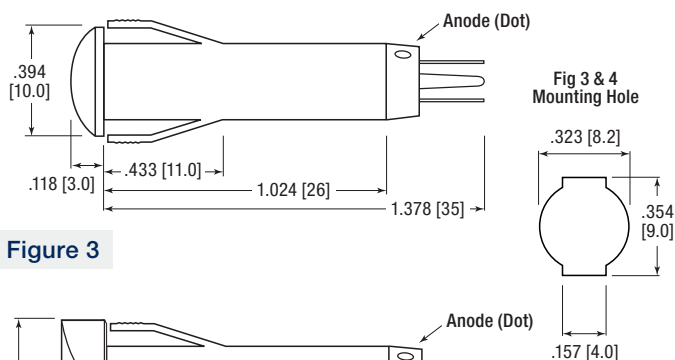
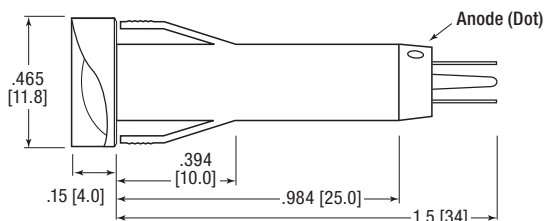


Figure 4



6" Wire Leads

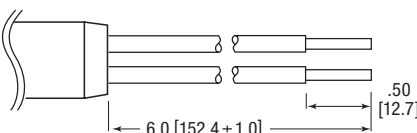
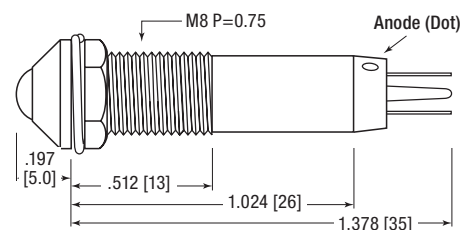


Figure 5



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
- ... and many more!

Mechanical Information

Mounting Hole Size: 0.323" (8.2 mm) [Fig. 1 & 2]; 0.335" (8.5 mm) [Fig. 5]; see diagram for Figs. 3 & 4

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. 5]

Specifications

Operating Voltage: 2 & 3.3 VDC [Fig. 1 & 2]; 6, 12 & 24 VDC [Fig. 3, 4, & 5] (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, 4, & 5]

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

Terminals: Copper — Nickel Plated

Lock Washer: Iron — Nickel Plated

Nut: Brass — Nickel Plated

Ordering Information 678

Part Number	Color	Voltage (V DC)	Current (mA)	Typical Intensity (mcd)	Viewing Angle	LED Position	Fig. #	Mount Style	Panel Thickness
Straight Leads									

Polycarbonate

678-1131-111F	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				

Solder Terminals	6" Wire Leads																					
678-1132-221F	678-1135-221F	Red	6	15	2210	5	Internal	3	Snap-fit	0.197" (5.0 mm)												
678-1232-222F	678-1235-222F	Green			41430	6																
678-1332-223F	678-1335-223F	Orange			8535	10																
678-1432-224F	678-1435-224F	Blue			5473	6																
678-1132-231F	678-1135-231F	Red	12		2210	5		Internal			3	Snap-fit	0.197" (5.0 mm)									
678-1232-232F	678-1235-232F	Green			41430	6																
678-1332-233F	678-1335-233F	Orange			8535	10																
678-1432-234F	678-1435-234F	Blue			5473	6																
678-1132-241F	678-1135-241F	Red	24		2210	5					Internal			4	Snap-fit	0.197" (5.0 mm)						
678-1232-242F	678-1235-242F	Green			41430	6																
678-1332-243F	678-1335-243F	Orange			8535	10																
678-1432-244F	678-1435-244F	Blue			5473	6																
678-2132-221F	678-2135-221F	Red	6		12700	5	Internal							4			Snap-fit	0.197" (5.0 mm)				
678-2232-222F	678-2235-222F	Green			16490	15																
678-2332-223F	678-2335-223F	Orange			5780	8																
678-2432-224F	678-2435-224F	Blue			2514	20																
678-2132-231F	678-2135-231F	Red	12		12700	5		Internal						4					Snap-fit	0.197" (5.0 mm)		
678-2232-232F	678-2235-232F	Green			16490	15																
678-2332-233F	678-2335-233F	Orange			5780	8																
678-2432-234F	678-2435-234F	Blue			2514	20																
678-2132-241F	678-2135-241F	Red	24		12700	5					Internal			4							Snap-fit	0.197" (5.0 mm)
678-2232-242F	678-2235-242F	Green			16490	15																
678-2332-243F	678-2335-243F	Orange			5780	8																
678-2432-244F	678-2435-244F	Blue			2514	20																

White Nickel

678-1112-321F	678-1115-321F	Red	6	15	320	20	Protruding	5	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					

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Mouser Electronics

Authorized Distributor

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Dialight:

678-1415-344F	678-3131-111F	678-1112-321F	678-1115-331F	678-1412-324F	678-2335-233F	678-2235-242F
678-1135-231F	678-2432-244F	678-1215-332F	678-1235-222F	678-2335-223F	678-1212-342F	678-2132-231F
678-2132-241F	678-1415-334F	678-1131-111F	678-1232-222F	678-1135-241F	678-2232-232F	678-1331-113F
678-2135-231F	678-2435-244F	678-1332-243F	678-1312-333F	678-1132-241F	678-1432-224F	678-1435-224F
678-1312-323F	678-3231-112F	678-1435-244F	678-2332-223F	678-2335-243F	678-2435-224F	678-1335-223F
678-2435-234F	678-1431-114F	678-1432-234F	678-2332-233F	678-1135-221F	678-1112-331F	678-1115-341F
678-2132-221F	678-1412-344F	678-1212-322F	678-1115-321F	678-2235-222F	678-1212-332F	678-1315-343F
678-3331-113F	678-1232-242F	678-1432-244F	678-1132-221F	678-1235-232F	678-1335-243F	678-2235-232F
678-1435-234F	678-2135-241F	678-3431-114F	678-1232-232F	678-1235-242F	678-2432-224F	678-2432-234F
678-1215-342F	678-1412-334F	678-1415-324F	678-2332-243F	678-2135-221F	678-1312-343F	678-1132-231F
678-1332-233F	678-2232-222F	678-2232-242F	678-1315-323F	678-1315-333F	678-1112-341F	678-1215-322F
678-1231-112F	678-1332-223F	678-1335-233F				