



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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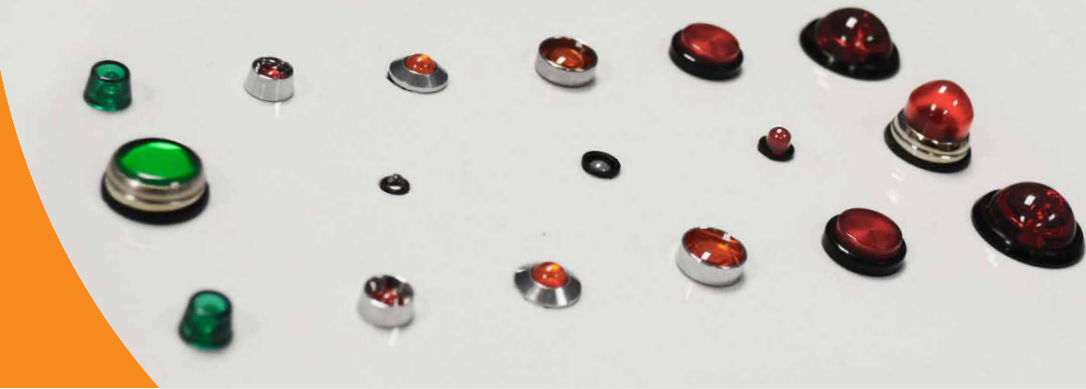
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On when
it counts.



Application

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

...and many more!

Certifications & Ratings

- RoHS compliant

Features & Benefits

- Low power consumption - uses up to 90% less energy than an incandescent indicator
- No heat generated
- Long life, lasting up to 100K hours
- Colors include red, green, orange, and blue
- Front panel mounting
- Nut and snap-in mounting

Mechanical Information:

Mounting hole size:	Figure 1 - see on next page Figure 2 - 0.406" (10.3mm)
Max panel thickness:	0.236" (6.0mm)
Mounting torque:	0.217 lbs/ft (5 kg/cm) - Figure 2 only

Electrical Specifications:

Operating voltage:	6, 12 & 24VDC (no resistor required)
Operating temperature:	-4°F to +167°F (-20°C to +75°C)
Storage temperature:	-40°F to +212°F (-40°C to +100°C)
Electrical connection:	Solder terminals and wire leads

Construction:

Housing:	Polycarbonate
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All values typical unless otherwise stated



Panel Mount Indicator Dimensions

Figure 1

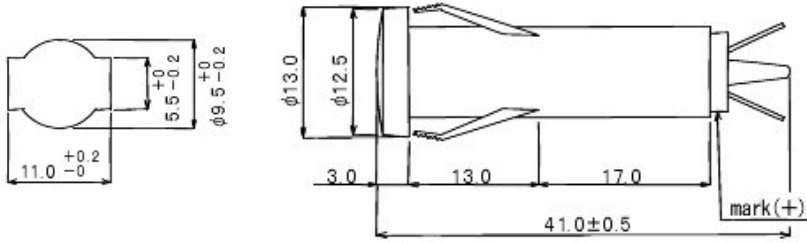
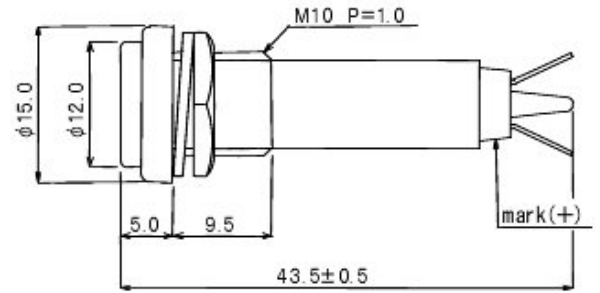


Figure 2



Dimensions are in mm

Part Number	Color	Voltage (VDC)	Current (mA)	Typical Intensity (mcd)	LED Position	Figure	Panel Thickness
680-3132-221F	RED	6	20	335	INTERNAL	1	0.098" (2.5mm)
680-3232-222F	GREEN	6	20	4070	INTERNAL	1	
680-3332-223F	ORANGE	6	20	1025	INTERNAL	1	
680-3432-224F	BLUE	6	20	730	INTERNAL	1	
680-3132-231F	RED	12	20	335	INTERNAL	1	
680-3232-232F	GREEN	12	20	4070	INTERNAL	1	
680-3332-233F	ORANGE	12	20	1025	INTERNAL	1	
680-3432-234F	BLUE	12	20	730	INTERNAL	1	
680-3132-241F	RED	24	20	335	INTERNAL	1	
680-3232-242F	GREEN	24	20	4070	INTERNAL	1	
680-3332-243F	ORANGE	24	20	1025	INTERNAL	1	
680-3432-244F	BLUE	24	20	730	INTERNAL	1	
680-3132-121F	RED	6	20	1530	INTERNAL	2	0.236" (6.0mm)
680-3232-122F	GREEN	6	20	4330	INTERNAL	2	
680-3332-123F	ORANGE	6	20	1455	INTERNAL	2	
680-3432-124F	BLUE	6	20	245	INTERNAL	2	
680-3132-131F	RED	12	20	1530	INTERNAL	2	
680-3232-132F	GREEN	12	20	4330	INTERNAL	2	
680-3332-133F	ORANGE	12	20	1455	INTERNAL	2	
680-3432-134F	BLUE	12	20	245	INTERNAL	2	
680-3132-141F	RED	24	20	1530	INTERNAL	2	
680-3232-142F	GREEN	24	20	4330	INTERNAL	2	
680-3332-143F	ORANGE	24	20	1455	INTERNAL	2	
680-3432-144F	BLUE	24	20	245	INTERNAL	2	

*For wire leads replace the 7th digit with "5". For example 678-1115-321F

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