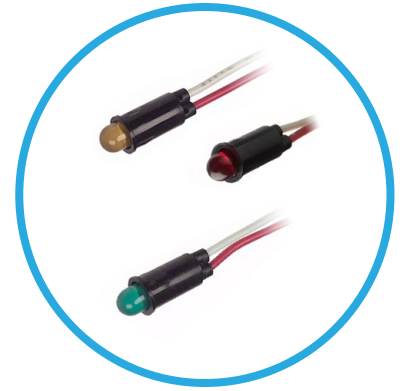


# 5100H Series Low Current LED Panel Mount Indicator



LED round panel mount indicator with wire or straight leads available in different colors and different operating voltage range.

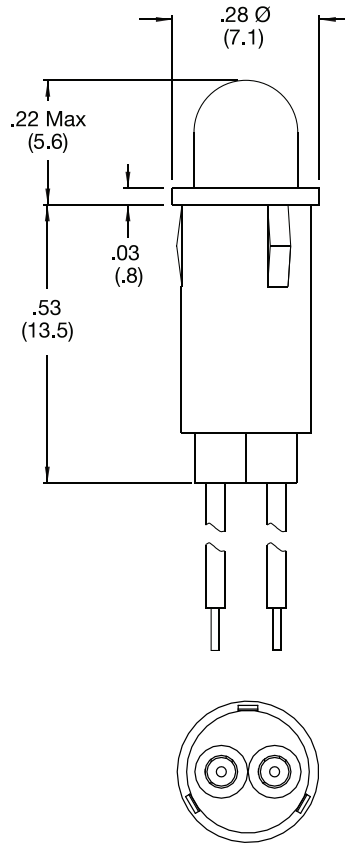
## Application

- Aircraft and Military
- Panel Indication
- Electrical Control Panels
- Industrial Machinery
- Instrument Panels
- Automation & Control
- Appliances
- Transportation Dashboards
- Displays

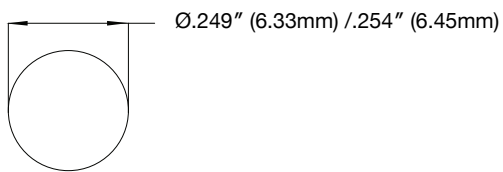
## Key Features

- LED output color: red, amber, green, blue, and yellow
- LED Size: 5mm (T-1 3/4)
- Super bright 30mcd
- Low current
- Built-in resistor chip operates directly off 5 volt or 12 volt supply without external resistor
- Flashing LED option feature available
- Operating Temperature:  $-40^{\circ} \sim +85^{\circ}$  celsius
- Life Expectancy: 100,000 hours
- Panel hole diameter: snap-fit into  $\text{Ø}.249''$  (6.33mm) /  $.254''$  (6.45mm) hole
- Panel Thickness:  $.031''$  (.79mm) to  $.062''$  (1.58mm)
- Wire Leads: No. 24 AWG, 6" insulated, bonded strands, stripped 1/2" Anode(+): Red Lead
- Housing: Black Nylon
- For additional options please contact VCC
- RoHS and REACH Compliant

## Product Dimensions



### Recommended Mounting Hole



### Notes:

1. All dimensions are in inches (millimeters)
2. Tolerance is  $\pm 0.01$  (0.25) unless otherwise noted

## Product Specifications

Part Number	Emitted Color	Typical Intensity (mcd)	Rated Current (mA)	Continuous Forward Current Max (mA)	Forward Voltage		Peak Forward Current@1ms-300 PPS (A)	Reverse Breakdown Voltage Min.	Peak Wavelength (nm)
					Typ. (V)	Max. (V)			
5100H1	Red	30	20	35	2.0	3.0	1.0	5	635
5100H3	Amber	20	20	35	2.0	3.0	1.0	5	608
5100H5	Green	30	20	30	2.2	3.0	.09	5	562
5100H6	Blue	3.0	45	50	3.4	3.9	-	5	470
5100H7	Yellow	25	20	35	2.1	3.0	1.0	5	585

### Low Current

5100H1LC	Red	2.0	2	7	1.8	2.2	.007	5	635
5100H5LC	Green	2.5	2	7	1.8	2.2	.007	5	565

### Built-In Resistor 5 Volts

5102H1-5V	Red	6.0	10	15	5	7.5	-	5	635
5102H3-5V	Amber	10.0	20	-	5	-	-	5	585
5102H5-5V	Green	10.0	12	15	5	7.5	-	5	565

### Built-In Resistor 12 Volts

5102H1-12V	Red	4.0	13	15	12	20.0	-	5	635
5102H3-12V	Amber	4.0	13	15	12	20.0	-	5	583
5102H5-12V	Green	4.0	13	15	12	20.0	-	5	565

### Flashing LED

5100H1FL	Red	40	20	-	14	-	-	0.5	627
5100H5FL	Green	32	20	38-56	9-12	13.0	-	0.5	565
5100H7FL	Yellow	32	20	38-56	9-12	13.0	-	0.5	590

## Compliances and Approvals

