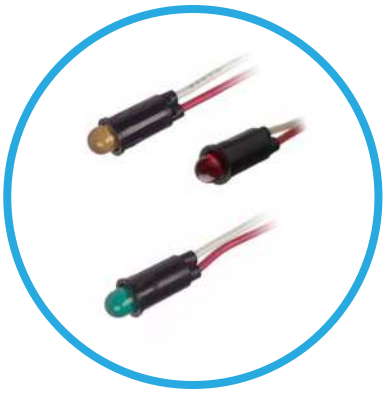
5100H Series
Low Current LED
Panel Mount Indicator



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

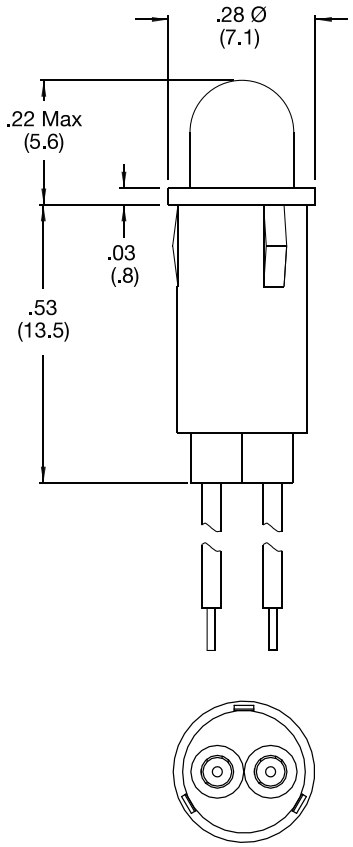
Application

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

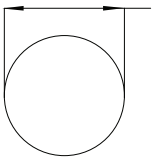
Key Features

- 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 ⍰ ~ +85 ⍰ celsius
- Life Expectancy: 100,000 hours
- Panel hole diameter: snap-fit into Ø.249⍰ (6.33mm) /.254⍰ (6.45mm) hole
- Panel Thickness: .031⍰ (.79mm) to .062⍰ (1.58mm)
- Wire Leads: No. 24 AWG, 4.4”MIN 6.3”MAX, included stripped 1/2” Anode(+): Red Lead, bonded strands
- Housing: Black Nylon
- For additional options please contact VCC
- RoHS and REACH Compliant

Product Dimensions



Recommended Mounting Hole



Ø.249" (6.33mm) /.254" (6.45mm)

Notes:
1. All dimensions are in inches (millimeters)
2. Tolerance is ± 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	2.2	10	15	5	-	-	5	590
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

REACH COMPLIANCE

RoHS COMPLIANT