

## Products

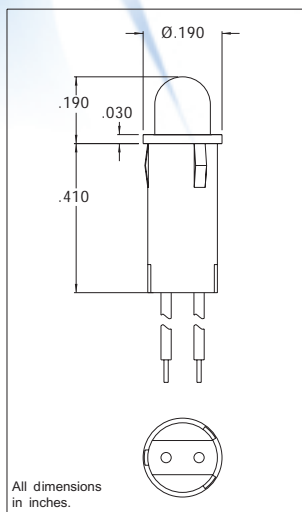
### LED Indicators

CML IT offers panel mount indicators manufactured with LED, Neon or Incandescent light sources. These indicators are available in a number of different lens and termination styles, with voltages of 2V ~ 250V available off-the-shelf.

	<p> <b>Part Number:</b> 5110F3-12V  <b>Serial Number:</b> 5110  <b>Mounting hole (inch):</b> 5/32"  <b>Mounting hole (metric):</b> 3.97mm  <b>Indicator type:</b>  <b>Mounting type:</b>  <b>Bezel type:</b>  <b>Bezel material:</b>  <b>Bezel color:</b>  <b>Bezel size:</b>  <b>Protection:</b>  <b>Lens type:</b>  <b>Lens color:</b> Amber Diffused  <b>Lens size:</b>  <b>Connector tpe:</b> 6.0" 24 AWG wire  <b>Connector number:</b>  <b>Connector for lamp test:</b>  <b>Number LED chip:</b>  <b>Indicator color:</b> Amber  <b>Dom wave length:</b>  <b>Peak wave length (mA):</b> 583.0  <b>Op. voltage (V):</b> 12.0  <b>Forward volt max:</b> 15.0  <b>Rectifier:</b>  <b>AC current:</b>  <b>DC current:</b> 13.0  <b>Lum in min (mcd):</b> 2.2  <b>Lum in type (DC):</b> 8.0  <b>Voltage type (%):</b>  <b>Op. temperature (°C):</b>  <b>Storage temperature (°C):</b>  <b>Narrative:</b>  <b>Viewing angle (°):</b> 60  <b>RoHS Status:</b> Yes         </p>
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## 5110F Series Panel Mounted LED Indicator Light

### DESCRIPTION AND FEATURES



#### Features

- Super Brite T-1 LED
- Diffused lens allows wide angle viewing.
- Low current -only 2 mA.
- Built-in chip resistor operates directly off 5 and 12 volt supply , no external resistor needed.

Mounting: Will snap-fit into  $\varnothing$ .155/.158 hole in panels .031/.062 thick\*

Wire Leads: No.24 AWG, 6" long, stripped .250

Anode(+): Red lead

Housing: Black Nylon

\*We recommend using an installation tool to press against flange of housing rather than LED.

### ELECTRO-OPTICAL CHARACTERISTICS

Part Number	Color	Typ. Intensity (mcd)	Rated Current (mA)	Continuous Forward Current Max. (mA)	Forward Voltage Typ. (V)	Forward Voltage Max. (V)	Peak Forward Current @ 1ms-300pps (A)	Reverse Break-down Voltage Min. (V)	Peak Wavelength (nm)
5110F1	Red	10	10	30	2.0	3.0	1.0	5	635
5110F3	Amber	7	10	25	2.0	3.0	.09	5	603
5110F5	Green	16	20	30	2.2	3.0	.09	4	562
5110F7	Yellow	6.3	20	30	2.1	3.0	1.0	5	585
5110F1LC	Red	2.5	2	7	1.8	2.2	.007	5	635
5110F5LC	Green	2.1	2	7	1.8	2.2	.007	5	565
5110F7LC	Yellow	1.8	2	7	1.9	2.7	.007	5	583
5110F1-5V	Red	8.0	10	20	5	7.5	-	5	655
5110F3-5V	Amber	8.0	10	15	5	7.5	-	5	583
5110F5-5V	Green	8.0	10	15	5	7.5	-	5	565
5110F1-12V	Red	8	13	20	12	15	-	5	655
5110F3-12V	Amber	8	13	20	12	15	-	5	583
5110F5-12V	Green	8	13	20	12	15	-	5	565