CML INNOVATIVE TECHNOLOGIES
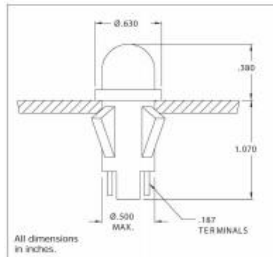**WHERE INNOVATION COMES TO LIGHT**
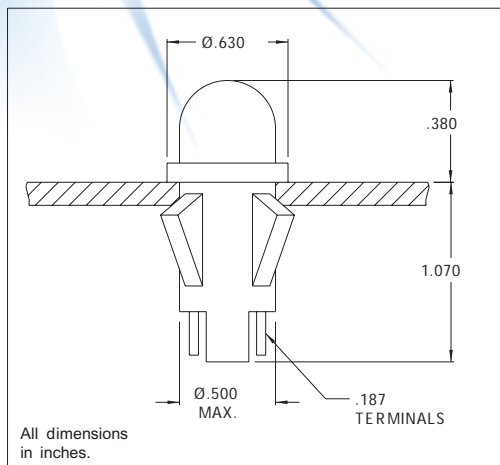
Products

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.

Part Number: 1091QM1-12V
Serial Number: 1091
Mounting hole (inch): 1/2"
Mounting hole (metric): 12.7mm
Indicator type:
Mounting type:
Bezel type:
Bezel material:
Bezel color:
Bezel size:
Protection:
Lens type:
Lens color: Red
Lens size:
Connector tpe: .187" QC
Connector number:
Connector for lamp test:
Number LED chip:
Indicator color: red
Dom wave length:
Peak wave length (mA):
Op. voltage (V): 12.0
Forward volt max:
Rectifier:
AC current:
DC current:
Lum in min (mcd):
Lum in type (DC):
Voltage type (%):
Op. temperature (°C):
Storage temperature (°C):
Narrative:
Viewing angle (°):
RoHS Status: Yes

CML INNOVATIVE TECHNOLOGIES
WHERE INNOVATION COMES TO LIGHT

1091QM Series Non-Relampable LED Indicator Lights

DESCRIPTION AND FEATURES

Ø.630
.380
1.070
Ø.500 MAX.
.187 TERMINALS
All dimensions in inches.

Solid-state indicator lights complete with built-in current-limiting resistor and rectifier diode.

Mounting: Will snap-fit into Ø.500/.505 hole in panels .020/.100 thick. Push-on speednut SN0461 also available.
Mounting hole pattern on page SP2.

Terminals: Quick-connect, tinned beass.
Lens: Polycarbonate

Anode(+): Marked above terminal

Bezel: Polished stainless steel.
For black finish add "X" after the series letter(s).

Housing: White Nylon

Lens Color	Solid State	
	Model No. (12V)	Model No. (24V)
Red	1091QM1-12V	1091QM1-24V
Green	1091QM5-12V	1091QM5-24V
Yellow	1091QM7-12V	1091QM7-24V
Internal Resistor (ohms)	390	1000

Lens Color	Incorporates LED*
Red	4304H1
Green	4304H5
Yellow	4304H7

*Also incorporates 1N4004 (400 P.I.V.) rectifier diode.

Voltage Table		
Nominal	VAC	VDC
12V	10 to 20	6 to 13.5
24V	22 to 32	12 to 24

To use 24V model: Beyond 32VAC add 30 ohms per volt; beyond 24 VDC add 50 ohms per volt. Use 1/2W resistor up to 50V; 1W resistor for 50V to 70V; 2W resistor for 75V to 125V. Do not use beyond 125V.

CML INNOVATIVE TECHNOLOGIES
WHERE INNOVATION COMES TO LIGHT