

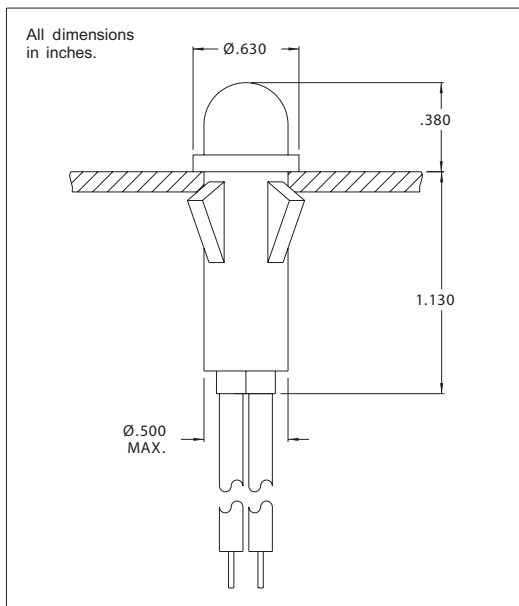


Chicago Miniature Lighting, LLC

Lighting the world since 1910

1091M Series Non-Relampable LED Indicator Lights

DESCRIPTION AND FEATURES



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.

Wire Leads: No.22 AWG (105°C), lead color: red and white, 4.40/4.80 long, stripped .430/.570

Lens: Polycarbonate

Anode(+): Red lead

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

Housing: White Nylon

Lens Color	LED Solid State Indicator			
	Model No. (6V)	Model No. (12V)	Model No. (24V)	Model No. (105-125 VAC *)
Red	1091M1-6V	1091M1-12V	1091M1-24V	1091M1-125VAC
Green	1091M5-6V	1091M5-12V	1091M5-24V	1091M5-125VAC
Yellow	1091M7-6V	1091M7-12V	1091M7-24V	1091M7-125VAC
Internal Resistor (ohms)	150	390	1000	(2) 3.9K12W* (One Internal)

Notes: Also incorporates IN4004 (400 P.I.V.) rectifier diode.

*125 VAC supplied with 6" white wire, stripped 1/2" with external 3.9K 1/2 watt resistor attached to one lead, covered with shrink tubing insulation.

Voltage Table		
Nominal	VAC	VDC
6V	5 to 11	3.5 to 6.5
12V	10 to 20	6 to 13.5
24V	22 to 32	12 to 24
125 VAC	105 to 125	-

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

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

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.

147 Central Avenue
Hackensack, NJ 07601
Phone: (201) 489-8989
Fax: (201) 489-6911

18703 Dix Toledo Road
Brownstown, MI 48193

Saret Zone Franca, Edificio B
Alajuela Costa Rica

E-mail: sales@chml.com • Web Site: www.chml.com

Chicago Miniature Lighting, LLC reserves the right to make specification revisions that enhance the design and/or performance of the product

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Chicago Miniature:

[1091MX724](#) [1091M7-6V](#) [1091MX1-125VAC](#) [1091MX1-12V](#) [1091MX1-24V](#) [1091MX1-6V](#) [1091MX5-125VAC](#)
[1091MX5-12V](#) [1091MX5-24V](#) [1091MX5-6V](#) [1091MX7-125VAC](#) [1091MX7-12V](#) [1091MX7-24V](#) [1091MX7-6V](#)