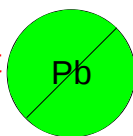


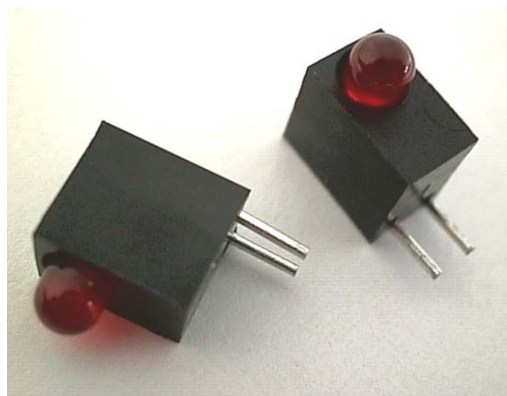
This
component
is RoHS
compliant



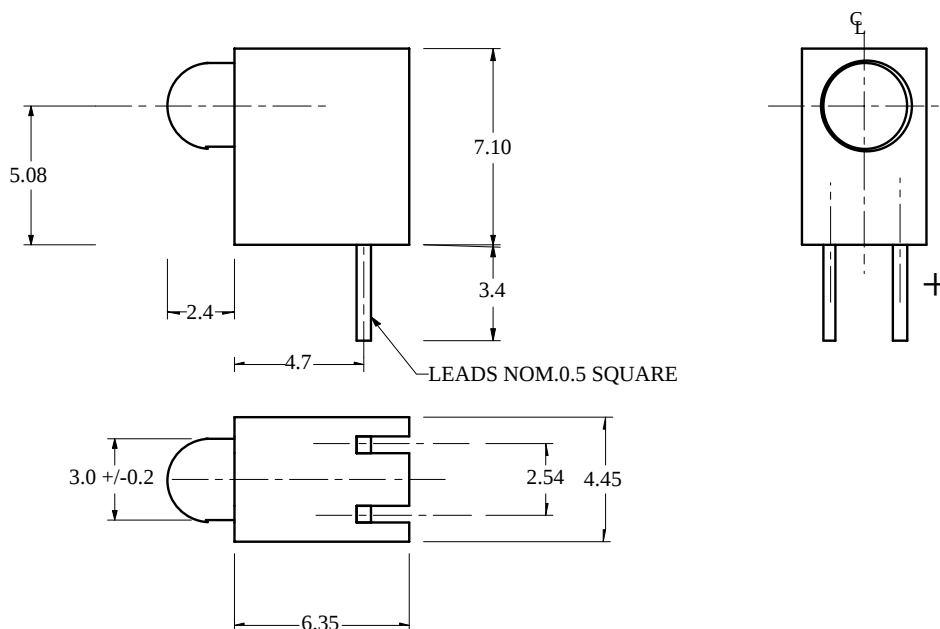
ORE 9801X 3mm CIRCUIIT BOARD INDICATOR

A compact LED assembly giving good alignment with small PCB footprint. The Black Nylon 6 zero flammability moulding houses a 3mm LED and is available in a wide range of colours and current options.

- Small Footprint.
- Compact Housing.
- High Brightness



MECHANICAL DATA



BEDFORD OPTO TECHNOLOGY LTD
1 BIGGAR BUSINESS PARK, BIGGAR, LANARKSHIRE, ML12 6FX
Tel: +44 (0) 1899 221221 Fax: +44 (0) 1899 221009
Website: bot.co.uk E-mail: bill@bot.co.uk

ABSOLUTE MAXIMUM RATINGS (TA = 25°C)

PARAMETER	RED YELLOW, GREEN	RED/GREEN BI- COLOUR
Peak Forward Current	1A	120mA
Continuous Forward Current	30mA	30mA
Power Dissipation	100mW	100mW
Reverse Voltage @10uA	6V	5V
Storage Temperature	-55°C to +100°C	-40°C to +100°C
Operating Temperature Range	-20°C to +100°C	-40°C to +85°C

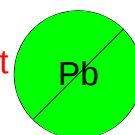
OPTO ELECTRONIC DATA (TA = 25°C)

COLOUR	Peak wavelength nm	Viewing Angle 2θ ^{1/2} deg	Luminous Intensity [If = 10mA] mcd		Forward Voltage [If = 20mA] Volts Max	Reverse Voltage [Ir = 10 µA] Volts Min
			Min	Typ		
RED	635	60	6.3	10	3.0	6
YELLOW	586	60	6.3	10	3.0	6
GREEN	565	60	6.3	12	3.0	6
BI-COLOUR	Orange-630	200	2.2	4.8	2.8	5 @100µA
	Green-565	200	2.2	4.8	2.8	5 @ 100µA

ORDERING INFORMATION

ORE9801X X=R=RED
Y=YELLOW
G=GREEN
BC=BI-COLOUR
SEE ORE9801XL DATA FOR LOW CURRENT

This
 component
 is RoHS
 compliant



OPTO ELECTRONIC SOLUTIONS

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