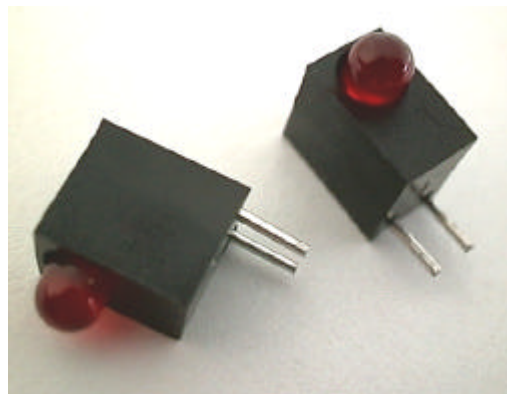


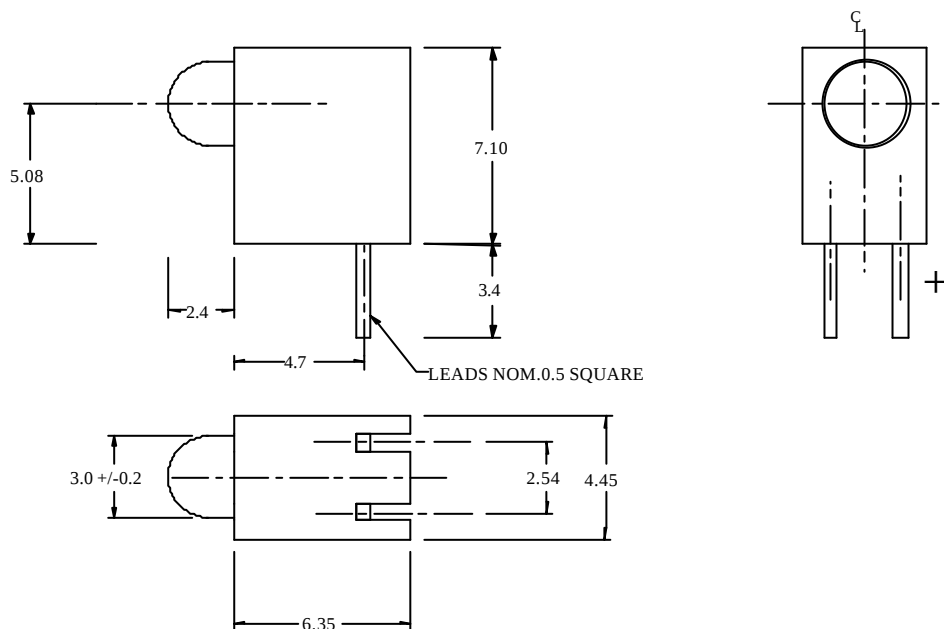
ORE 9801X 3mm CIRCUIT BOARD INDICATOR

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
LINDSAYLANDS, BIGGAR, LANARKSHIRE, ML12 6NR

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Website: bot.co.uk E-mail: bill@bot.co.uk

ABSOLUTE MAXIMUM RATINGS (TA = 25°C)

PARAMETER	RED YELLOW,	RED/GREEN BI-
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 2 $\theta^{1/2}$ deg	Luminous Intensity [If = 10mA] mcd		Forward Voltage [If = 20mA] Volts Max	Reverse Voltage [Ir = 10 mA] Volts Min
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 Green-565	200 200	2.2	4.8	2.8 2.8	5 @100mA 5 @ 100mA

ORDERING INFORMATION**ORE9801X X=R=RED****Y=YELLOW****G=GREEN****BC=BI-COLOUR****SEE ORE9801XL DATA FOR LOW CURRENT****OPTO ELECTRONIC SOLUTIONS****BEDFORD OPTO TECHNOLOGY LTD****LINDSAYLANDS, BIGGAR, LANARKSHIRE, ML12 6NR****Tel: +44 (0) 1899 221221 Fax: +44 (0) 1899 221009****Website: bot.co.uk E-mail: bill@bot.co.uk**