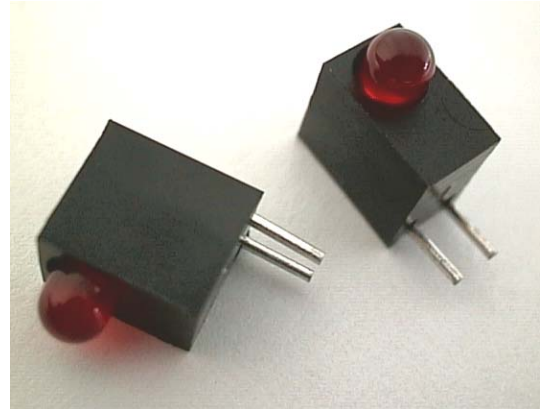


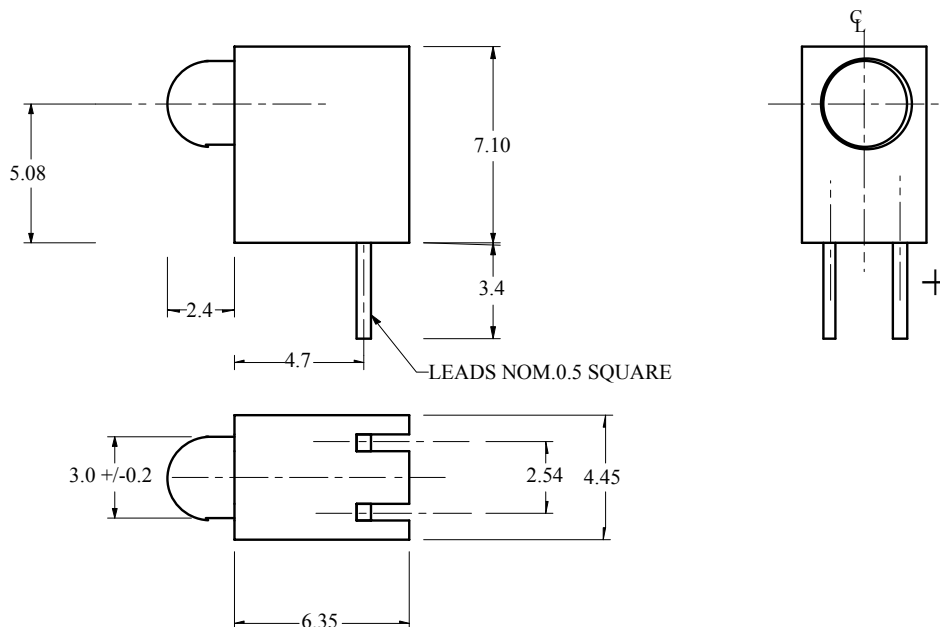
ORE 9801XL Low Current CIRCUIT BOARD INDICATOR

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

- Small PCB Footprint.
- Compact Housing.
- LED Matching



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 (T_A = 25°C)**ORE 9801XL**

PARAMETER	RED, YELLOW, GREEN
Peak Forward Current	1A
Continuous Forward Current	30mA
Power Dissipation [T _{amb} <60°C]	100mW
Reverse Voltage	6V
Storage Temperature	-55°C to +100°C
Operating Temperature Range	-20°C to +100°C

OPTO ELECTRONIC DATA (T_A = 25°C)

COLOUR	Peak wavelength nm	Viewing Angle 2θ ^{1/2} deg	Luminous Intensity [I _f = 2mA] mcd		Forward Voltage [I _f = 20mA] Volts Max	Reverse Voltage [I _r = 10 μA] Volts Min
			Min	Typ		
RED	635	50	1	2	2.4	6
YELLOW	586	50	1	2	2.9	6
GREEN	565	50	1	2	2.4	6

ORDERING INFORMATIONSINGLE LED — **ORE 9801XL**

Indicate colour by using X = R= Red
 Y= Yellow
 G= Green

Other colours and low current units available on request.

OPTO ELECTRONIC SOLUTIONS

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