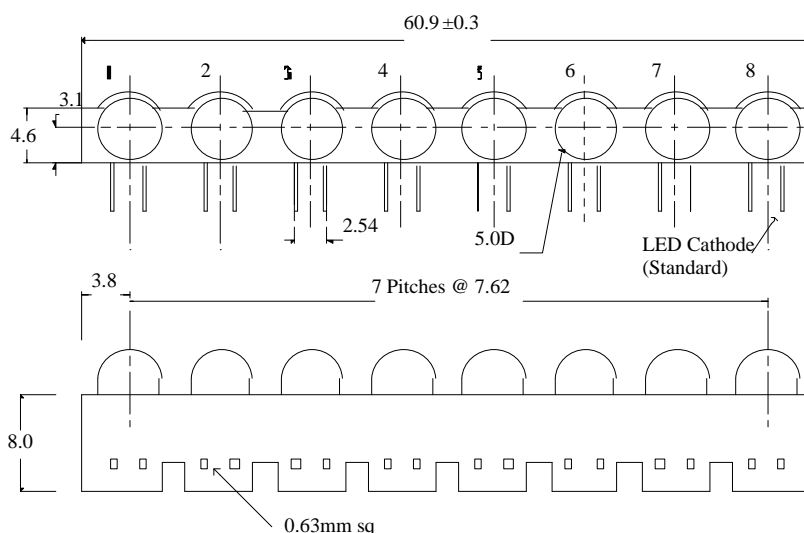
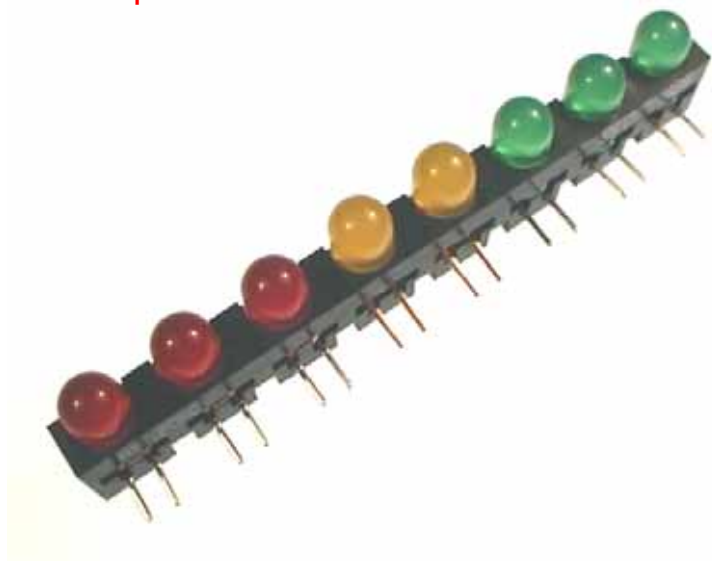





- LEDs are matched for brightness and hue-within arrays.
- Colour combination and polarity to customer's choice.
- Compact black housing takes minimum circuit space.
- Cropped leads: 4mm standard, other lengths available.
- Labour saving assembly.



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

ABSOLUTE MAXIMUM RATINGS (Ta = 25°C)

PARAMETER	RED	ORANGE	YELLOW	GREEN
Power Dissipation	60mW	60mW	60mW	75mW
Forward Current	20mA	20mA	20mA	25mA
Peak Forward Current	60mA	60mA	60mA	60mA
Reverse Voltage*	3V	3V	3V	3V
Operating Temperature	-25 to +85°C			
Storage Temperature	-30 to +100°C			
Soldering Temperature	260°C 5 seconds maximum			

* Pulse width 1ms Duty 1/5

ELECTRICAL & OPTICAL CHARACTERISTICS (Ta = 25°C)

PARAMETER & CONDITIONS	RED	ORANGE	YELLOW	GREEN
Forward Voltage [If=10mA]	Typ = 2.0V	Typ = 2.0V	Typ = 2.1V	Typ = 2.1V
Reverse Current [Vr = 3V]	Max = 10µA	Max = 10µA	Max = 10µA	Max = 10µA
Peak Wavelength [If = 10mA]	650nm	610nm	585nm	563nm
Luminous Intensity	Min = 3.6mcd	Min = 3.6mcd	Min = 3.6mcd	Min = 5.6mcd

ORDERING INFORMATION

SSA-019XX XXXXXX

Indicate colour by using X =

R = Red

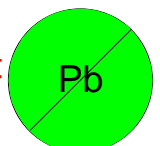
O = Orange

Y = Yellow

G = Green

A custom part number will be issued to
your special requirement.

Other LEDs available on request.

This
component
is RoHS
compliant

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