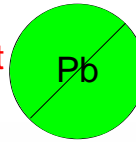


# SSA019 8 WAY 5mm LED ASSEMBLY

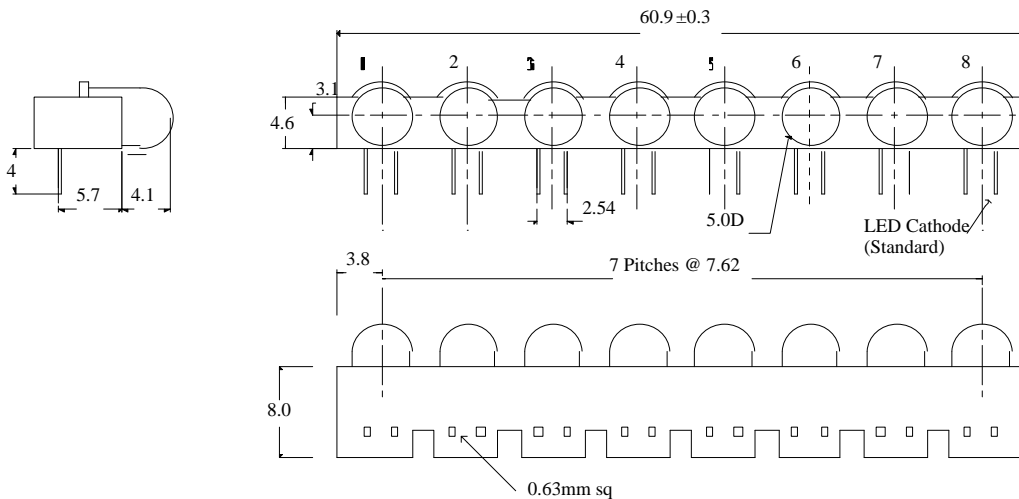
SSA-019 is an eight element array of 5mm LEDs mounted at 7.62mm pitch. Leads are bent at right angles and cropped. The housing is moulded in Black Nylon 6 Flammability zero.

- 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.

This component is RoHS compliant



## MECHANICAL DATA



**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](http://bot.co.uk) E-mail: [bill@bot.co.uk](mailto: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 = .21V
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

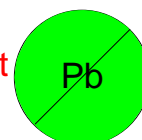
Indicate colour by using X =

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



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