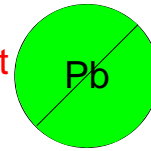


# SSA021 7 WAY 5mm LED ARRAY RIGHT ANGLE MOUNT

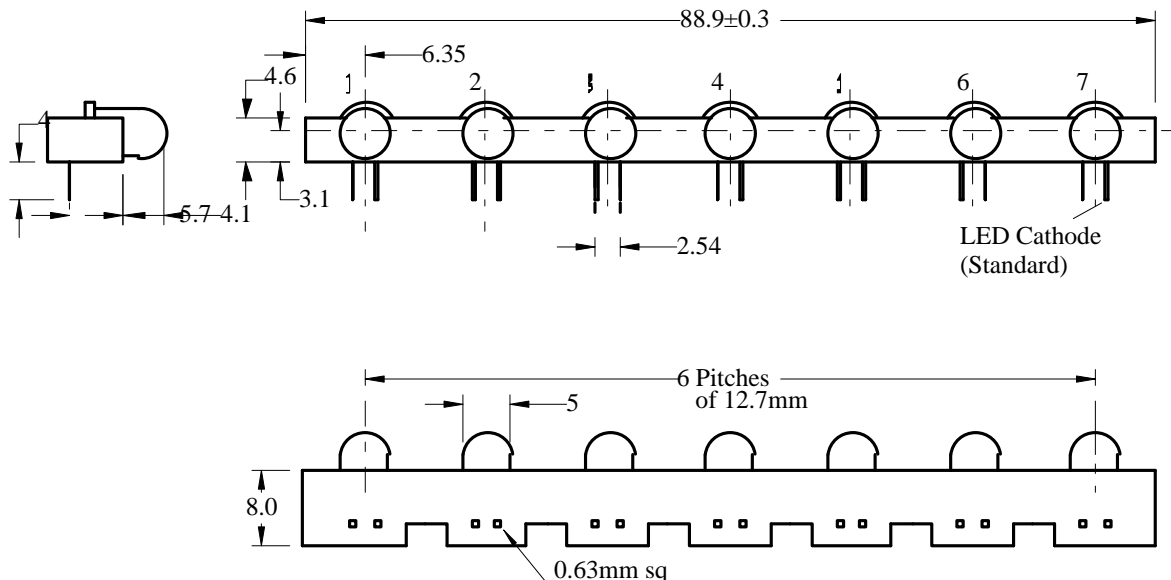
SSA-021 is a seven element array of 5mm LEDs mounted at 12.7mm pitch. Leads are bent at right angles and cropped. The housing is black Nylon 6 flammability zero.

- LEDs are matched for brightness.
- Colour combination and polarity to customer's choice.
- Compact black housing .
- 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** (T<sub>A</sub> = 25°C)

PARAMETER	High Efficiency Red	Yellow	Green	UNITS
CONTINUOUS FORWARD CURRENT	20	20	25	mA
FORWARD CURRENT SURGE (Pulse Width 1ms, Duty 1/5)	60	60	60	mA
POWER DISSIPATION Tamb<60 C	60	60	75	mW
REVERSE VOLTAGE	5	5	5	V
STORAGE TEMP	-30 to +100°C			
OPERATING TEMP	-25 to +85°C			
SOLDERING TEMPERATURE (1.6mm below body for 5 sec)				

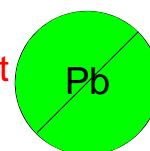
**OPTO ELECTRONIC DATA** (I<sub>f</sub> = 10mA)

COLOUR		Luminous Intensity mcd	Viewing Angle (1) deg	Peak Wavelength nm	Forward Voltage Volts	Reverse Current V <sub>r</sub> = 3V μA
RED	min	2.2	40	650	2.0	
	typ	6.3				
YELLOW	min	2.2	40	585	2.1	
	typ	6.3				
GREEN	min	3.6	40	563	2.1	
	typ	-				

## NOTES:

- 1 Viewing angle is the off-axis angle at which luminous intensity is half the axial luminous intensity.

This component  
is RoHS  
compliant

**ORDERING INFORMATION**

SSA-021 X X X etc      where 1st X = 1st element  
 X = R = Red  
      Y = Yellow  
      G = Green

To specify your requirement, please state:-

- 1/ SSA021  
 2/ The combination of LEDs in order. A custom part number will be issued to cover your

**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