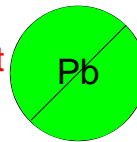


SSA021 7 WAY 5mm LED ARRAY RIGHT ANGLE MOUNT

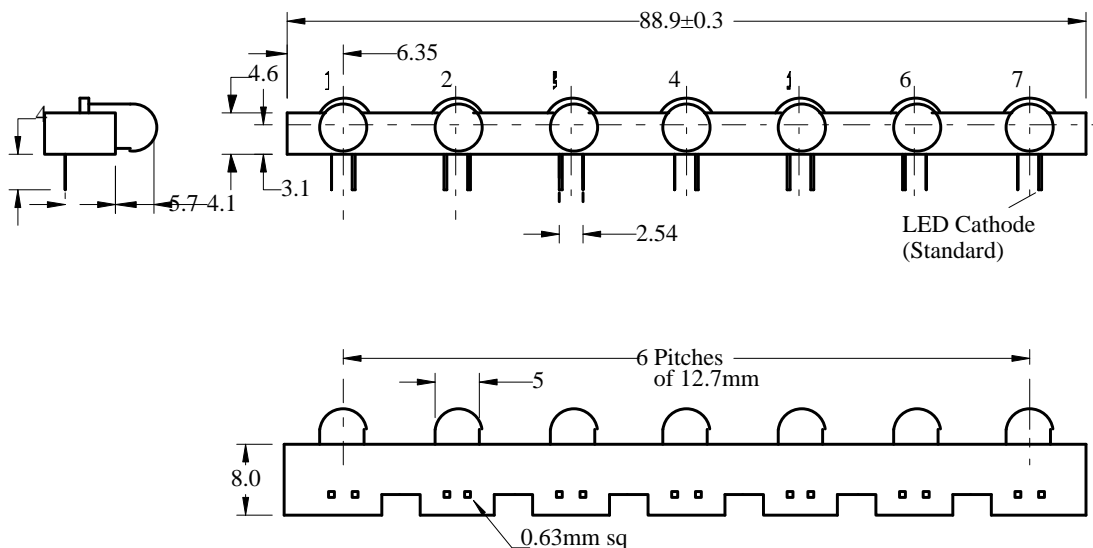
SSA-021 is a seven element array of 5mm LEDs mounted at 12.7mm pitch. Leads are bent at right angles and cropped. The housing is black Nylon 6 flammability zero.

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

ABSOLUTE MAXIMUM RATINGS ($T_A = 25^\circ\text{C}$)

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 $T_{amb} < 60\text{ C}$	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)				

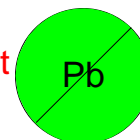
OPTO ELECTRONIC DATA ($I_f = 10\text{mA}$)

COLOUR		Luminous Intensity mcd	Viewing Angle (1) deg	Peak Wavelength nm	Forward Voltage Volts	Reverse Current $V_r = 3\text{V}$ 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

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