

SSA-009

These components are RoHS compliant

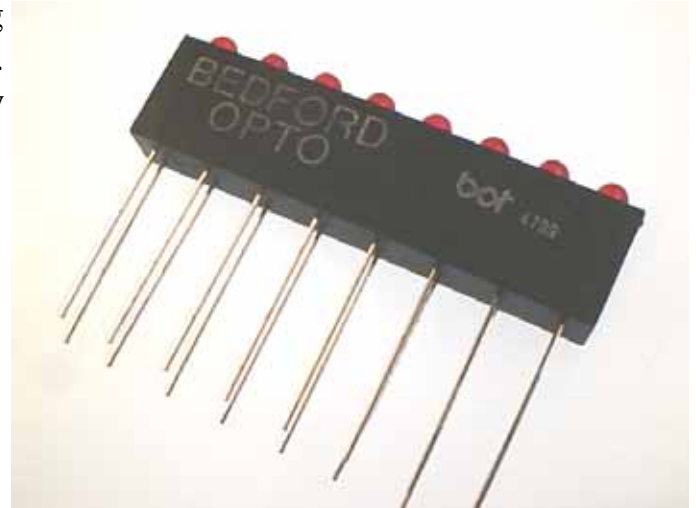


## 3mm LED Linear Array

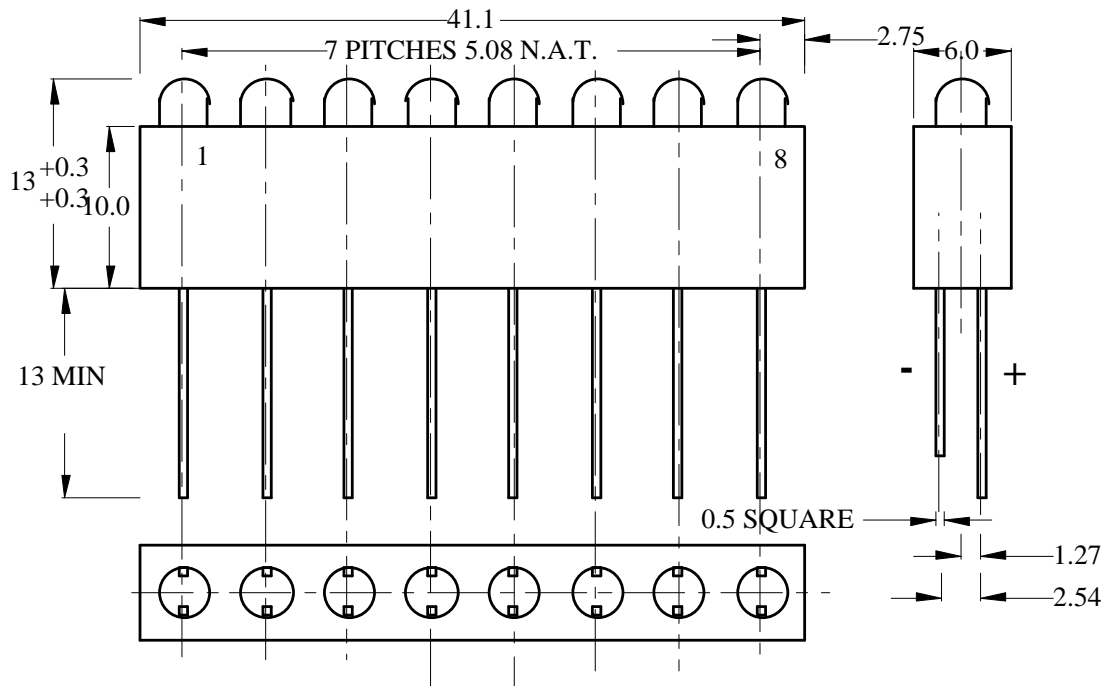
SSA 009 is a precision moulded plastic mounting block for T1 size Light Emitting Diodes. LEDs are on a 0.2 inch pitch. Material is black nylon 6 to flammability specification UL-94VO.

### FEATURES

- ◆ Eight channel block, end stackable for longer arrays.
- ◆ +/- 30 deg viewing angle.
- ◆ Will accept T1 infra red emitters or sensors.
- ◆ Small PCB footprint.
- ◆ Leads on 0.1 inch pitch double row.
- ◆ Less than eight positions available to special order.



### MECHANICAL DATA



**BEDFORD OPTO TECHNOLOGY LTD,**  
**1,BIGGAR BUSINESS PARK, BIGGAR,LANARKSHIRE ML12 6FX**  
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## ABSOLUTE MAXIMUM RATING per LED

**SSA-009**

PARAMETER	Value	Units
Reverse Voltage	6	V
Forward Current	30	mA
Surage Current (t>10us)	1	A
Storage Temperature Range	-55 to +100	°C
Junction Temperature (Tj)	100	°C
Total Power Dissipation @ 25 °C	100	mW
Thermal Resistance Juction to Air	400	K/W

## ELECTRICAL CHARACTERISTICS (Tamb=25°C)

Parameter	Unit	Colour			
		Orange	HERed	Yellow	Green
Peak Wavelength $\lambda_p$	nm	605	635	586	565
Forward Voltage Vf (If = 10mA)	Volts Max	3	3	3	3
Reverse Current Ir (Vr = 6Volts)	$\mu$ A Max		10	10	10
Luminous Intensity (If = 10mA)	Mcd min	1.6	2.5	2.5	4

### Ordering Information

To specify your requirement, please state:

- 1 SSA -009
- 2 The combination of LEDs or I.R. products, in order.

### **SSA-009X**

where X = O = All Orange, H = All HERed , Y = All Yellow, G = All Green

For mixed colours specify from left to right . E.g. SSA-009 HHGYGRR

1st Element to 8th Element

Custom part numbers will be issued for these combinations.

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