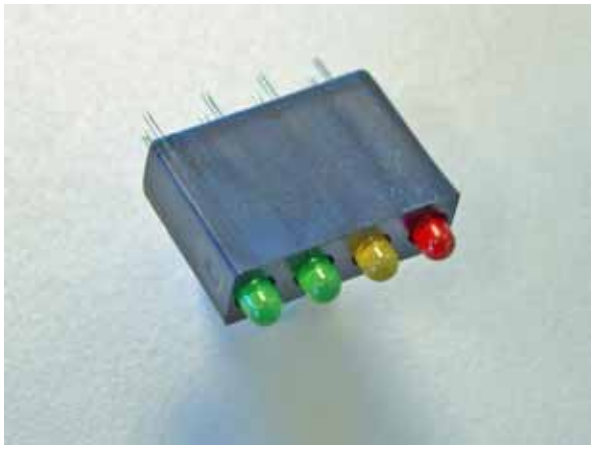
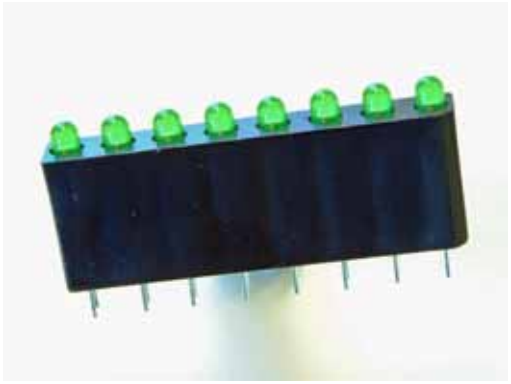
SSA350/4
SSA350/8
3mm LED Linear Array

These components are RoHS compliant

SSA 350 is a precision moulded plastic mounting block for T1 size Light Emitting Diodes. LEDs are on a 5.05mm pitch. Material is black nylon 6 to flammability specification UL-94VO.

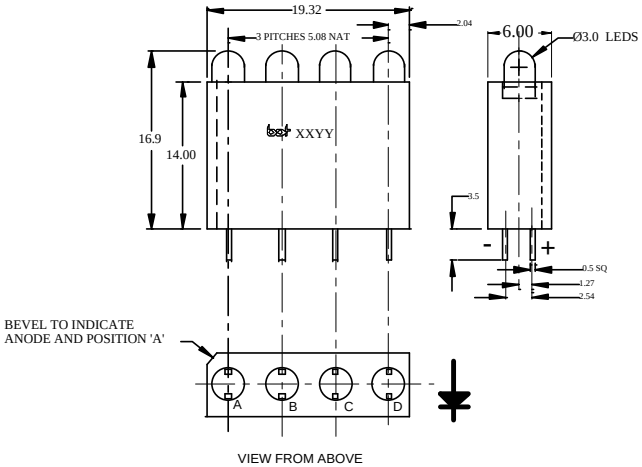




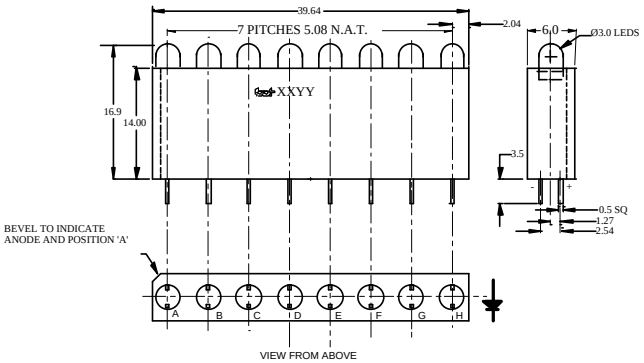
FEATURES

- Four & 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



SSA350/4



SSA350/8

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

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SSA350/4
SSA350/8

ABSOLUTE MAXIMUM RATING per LED

PARAMETER	All colous	Blue	Units
Reverse Voltage	6	5	V
Forward Current	30	20	mA
Surage Current (t>10us)	1	0.1	A
Storage Temperature Range	-55 to +100	-40 to +100	°C
Junction Temperature (Tj)	100	100	°C
Total Power Dissipation @ 25 °C	100	100	mW
Thremal Resistance Juction to Air	400	400	K/W

ELECTRICAL CHARACTERISTICS (Tamb=25°C)

Parameter	Unit	Colour				
		Orange	HERed	Yellow	Green	Blue
Peak Wavelength λ p	nm	605	635	585	565	428
Forward Voltage Vf (If = 20mA)	Volts Max	3	3	3	3	4.5
Reverse Current Ir (Vr = 6Volts)	μA Max	10	10	10	10	5
Lumenous Intensity (If = 10mA)	Mcd min	1.6	6.3	6.3	6.3	6.3

Ordering Information

To specify your requirement, please state:

1 4 way SSA350/4,8 way SSA350/8

2 The combination of LEDs in order.

SSA-350/8 A throught to H

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-350/8 HHGYYGRR

1st Element to 8th Element

Custom part numbers will be issued for these combinations.

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