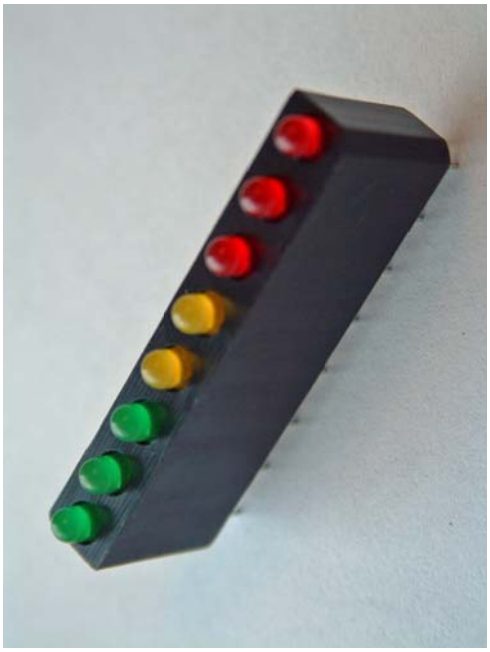
BLA8 SERIES 3mm LED STAND-OFF

These components are RoHS compliant

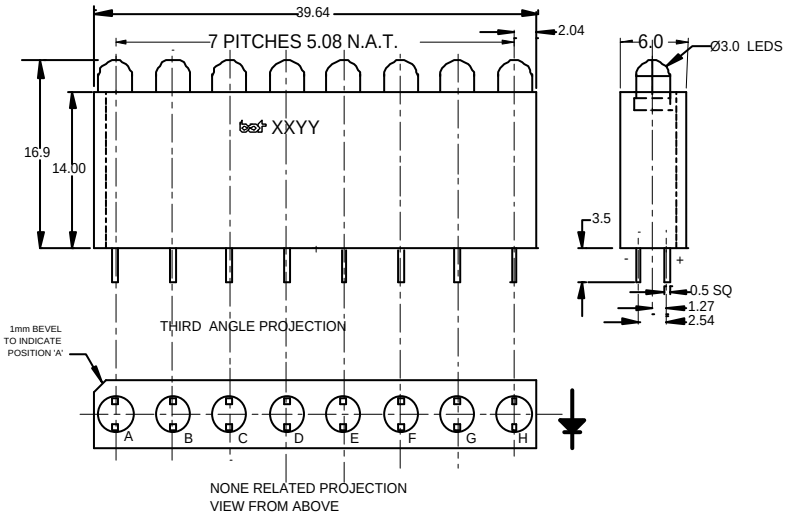
BLA 8 is a precision moulded plastic stand-off for four T1 size Light Emitting Diodes. Material is black nylon 6 to flammability specification UL-94VO.



FEATURES

- +/- 30 deg viewing angle.
- Will accept T1 infra red emitters or sensors.
- Accurate stable location.
- Red, green, yellow, blue and bi-colour.

MECHANICAL



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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BLA 8 SERIES

ABSOLUTE MAXIMUM RATING per LED

PARAMETER	All colours	Blue	Units
Reverse Voltage	6	5	V
Forward Current	30	20	mA
Surge 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
Thermal Resistance Junction to Air	400	400	K/W

ELECTRICAL CHARACTERISTICS (Tamb=25°C)

Parameter	Unit	Colour				
		Orange	Red	Yellow	Green	Blue
Peak Wavelength l 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)	mA Max	10	10	10	10	5
Luminous Intensity (If = 10mA)	Mcd min Mcd typ	1.6 4	6.3 10	6.3 10	6.3 10	6.3 15

Ordering Information

To specify your requirement, please state:-**BLA6ABCDEFGH**

where A To G = O = Orange, H = HERed , Y = Yellow, G = Green, BC=Bi-colour or B=Blue

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