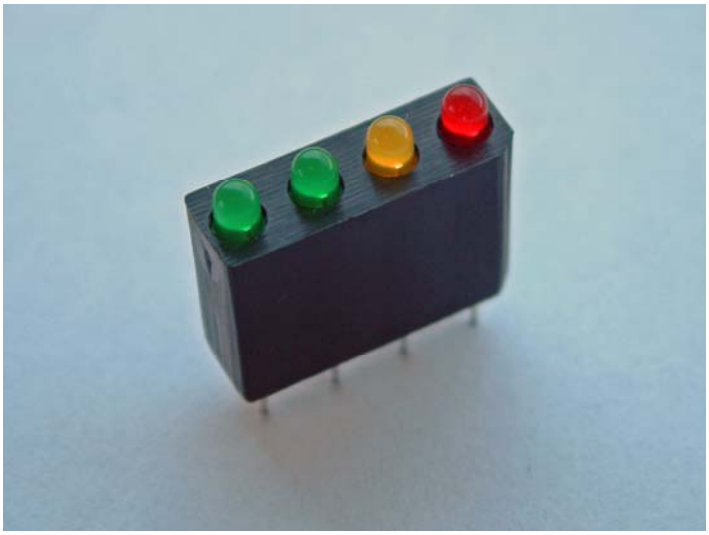
These components are RoHS compliant

BLA41 SERIES 3mm LED STAND-OFF

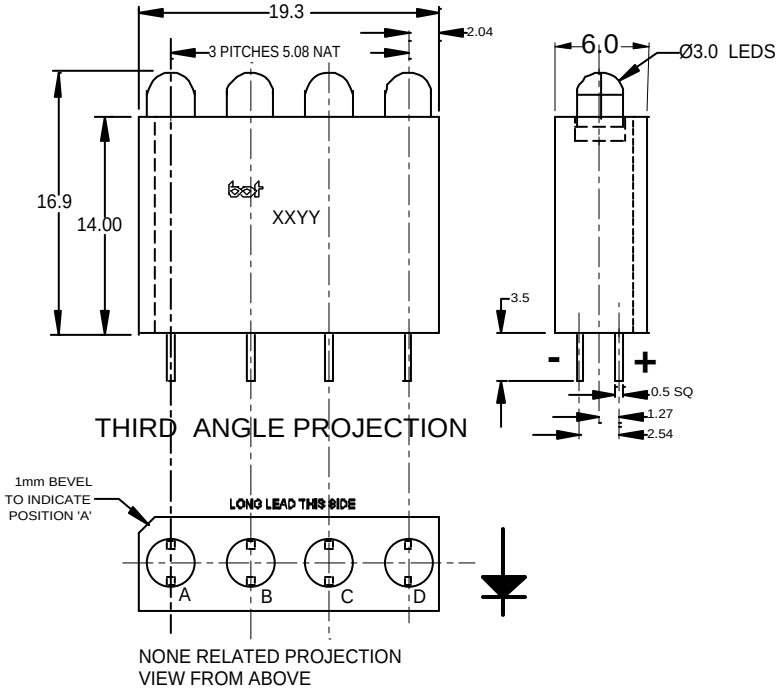
BLA 41 is a precision moulded plastic stand-off for four T1 size Light Emitting Diodes. Material is black nylon 6 to flammability specification UL-94VO.



FEATURES

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

MECHANICAL DATA



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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ABSOLUTE MAXIMUM RATING per LED (Ta=25 C)

BLA 41 SERIES

COLOUR	R,Y,G,O	BLUE	RED/GREEN
REVERSE VOLTAGE	**6Volts**	**5Volts**	
CONTINUOUS FORWARD CURRENT	30 mA	20mA	30mA
POWER DISSIPATION Tamb 60 C	100mW	100mW	100mW
OPERATING TEMP	-40 TO+100^{O}C	-40 To+100 C	-40 To+85 C
STORAGE TEMP	-55to +100^{O}C	-40 To+100C	-40 To +85 C
LEAD SOLDERING TEMP(1.55mm FROM BODY 5secs)	260^{O}C	260^{O}C	260^{O}C

ELECTRICAL CHARACTERISTICS (Tamb=25°C)

COLOUR		Luminous Intensity If = 10mA mcd	Peak Wavelength nm	Forward Voltage If = 20mA volts	VIEWING ANGLE deg
RED	min typ max	6.3 10.0 -	- 635 -	- 2.0 3.0	60
ORANGE	Min Typ max	1.6 4.0	605	2.4 3.0	60
YELLOW	min typ max	6.3 10.0 -	- 585 -	- 2.4 3.0	60
GREEN	min typ max	6.3 12.0 -	- 565 -	- 2.4 3.0	60
BLUE	min typ max	6.3 12.0 @20mA	- 428-	- 3.9 4.5	60
RED **GREEN**	Min Typ Max Min Typ Max	4.5 8.0 8.0 12.0	 635 565	1.7 2.6 1.7 2.6	 50 50

Ordering Information

To specify your requirement, please state:-**BLA4ABCD**

where A,B C or D = O = Orange, R = Red , Y = Yellow, G = Green ,BC=Bi-colour or B=Blue

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