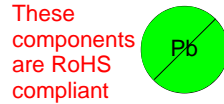


BOLS003



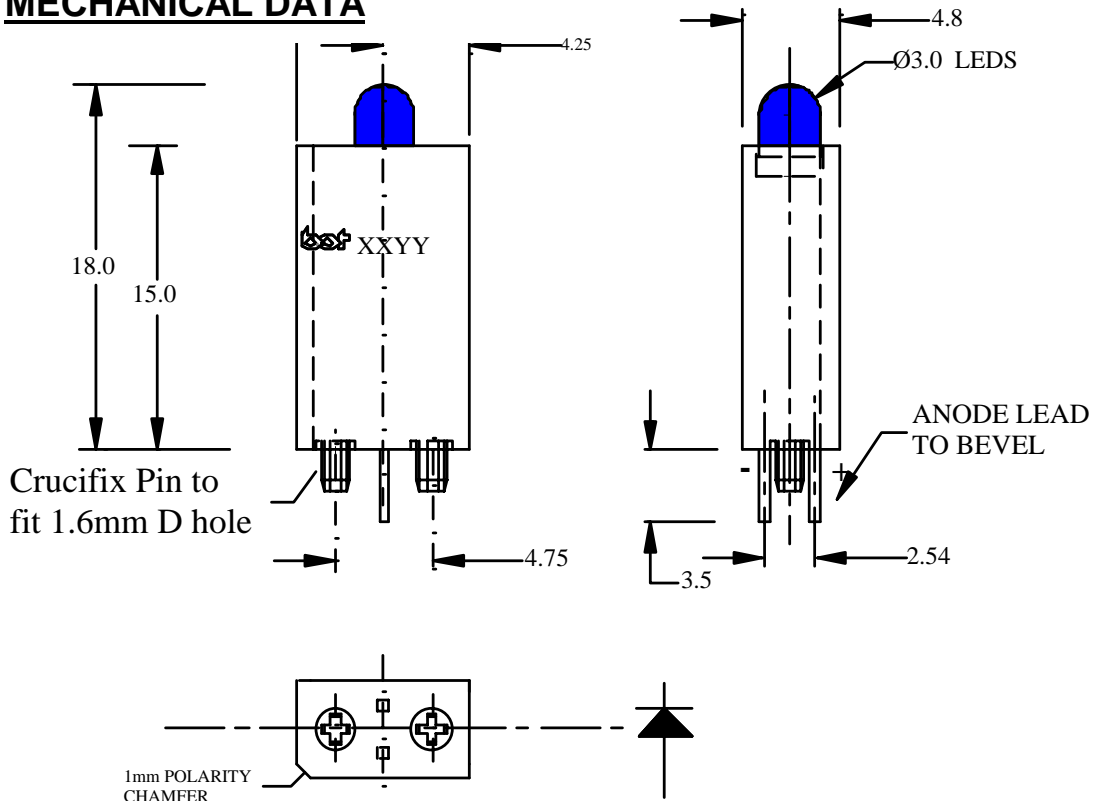
3mm LED STAND-OFF

BOLS003 is a precision moulded plastic stand-off for T1 size Light Emitting Diodes. 2 pcb locating pins are incorporated for accurate location. 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

ABSOLUTE MAXIMUM RATING per LED

PARAMETER	All colour	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 Junction 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)	μ A Max	10	10	10	10	5
Lumenous Intensity (If = 10mA)	Mcd min	1.6	6.3	6.3	6.3	6.3
	Mcd typ	4	10	10	10	15

Ordering Information

To specify your requirement, please state:-

BOLS003X

where X = O = Orange, H = HERed , Y = Yellow, G = Green ,BC=Bi-colour

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