

BOLS001A/B

5 mm BI-COLOUR LED STAND-OFF

These components are RoHS compliant

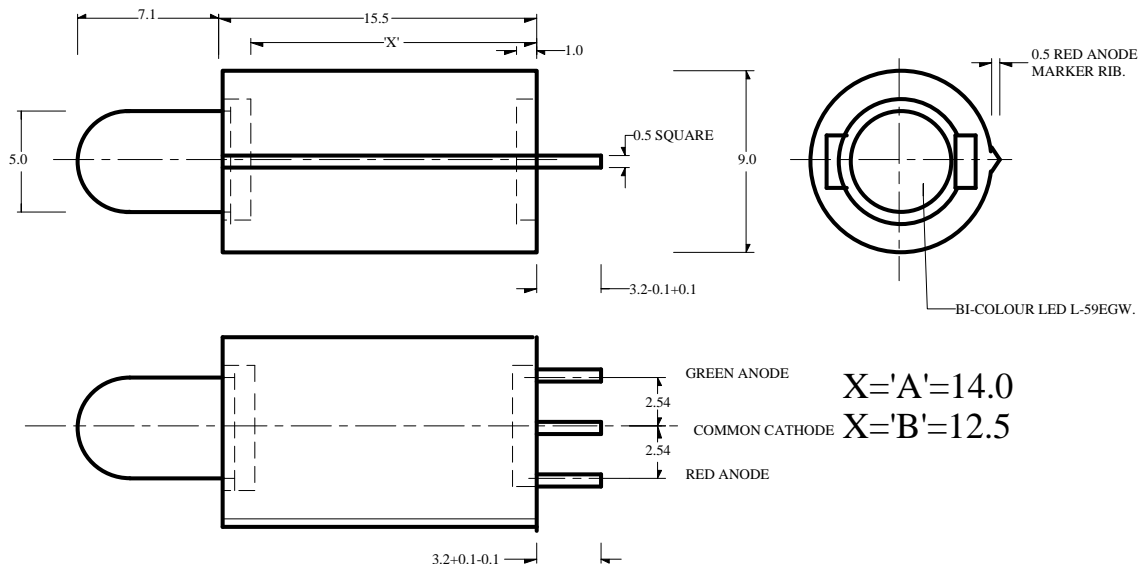


The BOLS001 is a single 5mm TRI COLOUR LED stand-off for mounting 12.5 or 14mm above the pcb. The housing is moulded in black Nylon 6 with zero flammability rating. The housing will accept a range off 3 lead tri-colour LEDs.

- Very stable on the PCB.
- Range of colours
- 2 leaded available on request..
- White diffuse package



MECHANICAL DATA



ABSOLUTE MAXIMUM RATINGS (Ta = 25°C)

PARAMETER	HE RED	GREEN	YELLOW
Power Dissipation	105mW	105mW	105mW
Forward Current	30mA	25mA	30mW
Peak Forward Current*	150mA	150mA	150mW
Reverse Voltage	5V	5V	5V
Operating Temperature	-25 to +85°C		
Storage Temperature	-25 to +85°C		
Soldering Temperature	260°C 5 seconds maximum		

These components are RoHS compliant



* Pulse width 1ms Duty Cycle 20%

ELECTRICAL & OPTICAL CHARACTERISTICS (Ta = 25°C)

PARAMETER & CONDITIONS	HE RED	GREEN	YELLOW
Forward Voltage [If=20mA]	Typ = 2.0V Max = 2.5V	Typ = 2.2V Max = 2.5V	Typ=2.1V Max=2.5V
Reverse Current [Vr = 5V]	Max = 10µA	Max = 10µA	Max = 10µA
Peak Wavelength [If = 10mA]	625nm	562nm	590nm
Luminous Intensity[If=20mA]	Min = 20mcd Typ = 90 mcd	Min = 20mcd Typ = 70mcd	Min=20mcd Typ=60mcd

ORDERING INFORMATION

BOLS001ARG=14mm RED/GREEN
 BOLS001BRG=12.5mm RED/GREEN
 BOLS001AYG=14mm YELLOW/GREEN
 BOLS001BYG=12.5mm YELLOW/GREEN

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