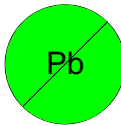


This component is RoHS compliant



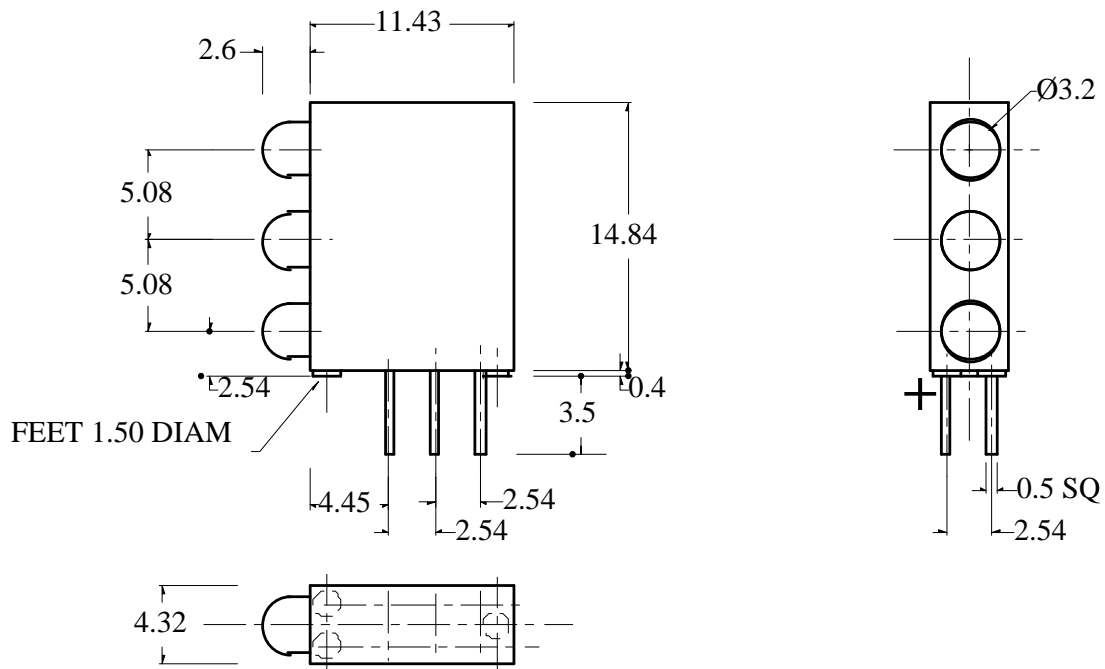
SSA 150 SERIES 3 TIER 3mm LED ASSEMBLY

The SSA 150 series is a family of display devices using a Black Nylon 6 UL-94VO rated housing to mount three 3mm LEDs at right angles to a PCB. The pin out is in line on 0.1". In any one batch the LEDs are lumenous intensity matched.

- Accurate alignment of LEDs.
- Low current and high brightness available.
- Matched LEDs.
- Bi-Colour and 2mA LEDs available.
- Direct equivalent to Dialight 564-0X00-000



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

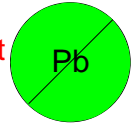
ISS B 14.3.06

ABSOLUTE MAXIMUM RATINGS (T_A = 25°C)

SSA 150 Series

Parameter	Red	Green	Yellow	Orange
Forward Current	15mA	30mA	20mA	30mA
Power Dissipation	80mW	100mW	60mW	100mW
Reverse Current @ 5V	10µA	10µA	10µA	10µA
Operating Temperature	-40°C to +85°C			
Storage Temperature	-40°C to 100°C			
Lead Soldering Temperature	260°C			

This component is RoHS compliant



OPTO ELECTRONIC DATA (T_a = 25°C)

COLOUR		Luminous Intensity If = 10mA mcd	Peak Wave-length nm	Viewing Angle Degrees	Forward Voltage If = 10mA volts
ORANGE	min	7.5	-	-	2.8
	typ	12.0	635	50	
YEL-LOW	min	7.5	-	-	
	typ	12.0	585	50	
GREEN	min	9.0	-	-	
	typ	15.0	565	50	
	max	-	-	-	
RED	min	2.0	-	-	
	typ	4.2	697	50	

ORDERING INFORMATION

SSA150XYZ X = Top LED Y = Middle LED Z = Bottom LED

Indicate colour by using R = Red R = HIGH EFFICIENCY RED
B = Blank G = Green
Y = Yellow
LOW CURRENT VERSIONS ALSO AVAILABLE
SEE SSA150L SERIES DATASHEET

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