

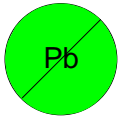
SSA 149 SERIES 2 TIER 3mm LED ASSEMBLY

The SSA-149 series is a family of display devices using a Black Nylon 6 UL-94VO rated housing to mount one or two 3mm LEDs at right angles to a PCB. The pin out is in line on 0.1" centres.

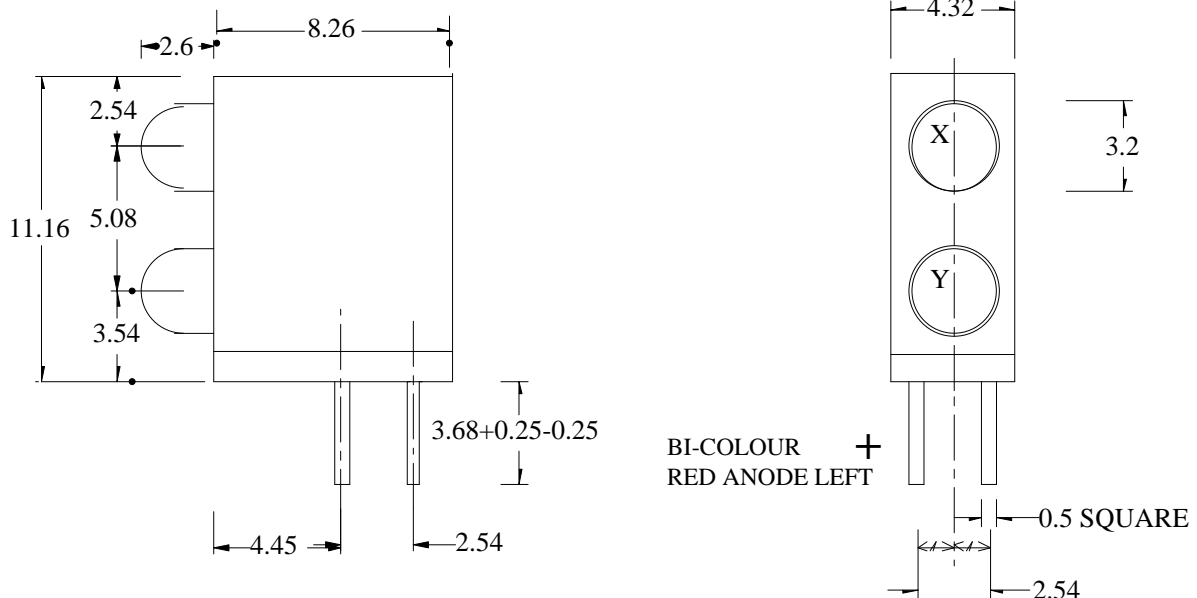
- Accurate alignment of LEDs.
- Unique Baseplate for accurate lead positioning.
- Matched LEDs.
- ± 50 Deg Viewing Angle.
- Bi-Colour, Polarity and 2mA LEDs available.
- Low profile non baseplate version available.
- 9 way assembly SSA149/9



This component is RoHS compliant



MECHANICAL DATA



BEDFORD OPTO TECHNOLOGY LTD
1, BIGGAR BUSINESS PARK, BIGGAR, LANARKSHIRE, ML12 6FX

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ABSOLUTE MAXIMUM RATINGS (T_A = 25⁰C)**SSA 149**

Parameter	RED GREEN	Red	Green	Yellow	Orange
Forward Current	30mA	15mA	30mA	20mA	30mA
Power Dissipation	100mW	40mW	100mW	60mW	100mW
Reverse Current @ 5V	100µA	10µA	10µA	10µA	10µA
Operating Temperature	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C
Storage Temperature	-40°C to 100°C	-40°C to 100°C	-40°C to 100°C	-40°C to 100°C	-40°C to 100°C
Lead Soldering Temperature for 5sec (2.0mm from Body)	260°C	260°C	260°C	260°C	260°C

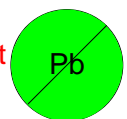
OPTO ELECTRONIC DATA (T_a = 25⁰C)

COLOUR		Luminous Intensity If = 10mA mcd	Peak Wave-length nm	Viewing Angle Degrees	Forward Voltage If = 20mA volts
RED	min	2.0	-	-	1.7
	typ	4.2	697	50	-
YELLOW	min	7.5	-	-	1.7
	typ	12	585	50	-
GREEN	min	9.0	-	-	1.7
	typ	15	565	50	-
	max	-	-	-	2.8
ORANGE	min	7.5	-	-	1.7
	typ	12	635	50	-
	max	-	-	-	2.8
RED	Min	2.2 @20mA	630	200	2.0
	Typ	4.8 @20mA			2.8
	Max	-			-
GREEN	Min	2.2 @20mA	565	200	2.1
	Typ	4.8 @20mA			2.8
	Max	-			-
BI-COLOUR					

ORDERING INFORMATION

Dual LED - SSA149XY X = Top LED Y = Bottom LED
 Indicate colour by using R = Red Y = Yellow G = Green O=Orange

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