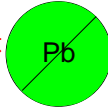


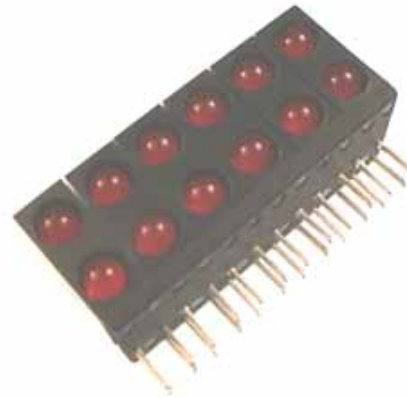
This component is RoHS compliant



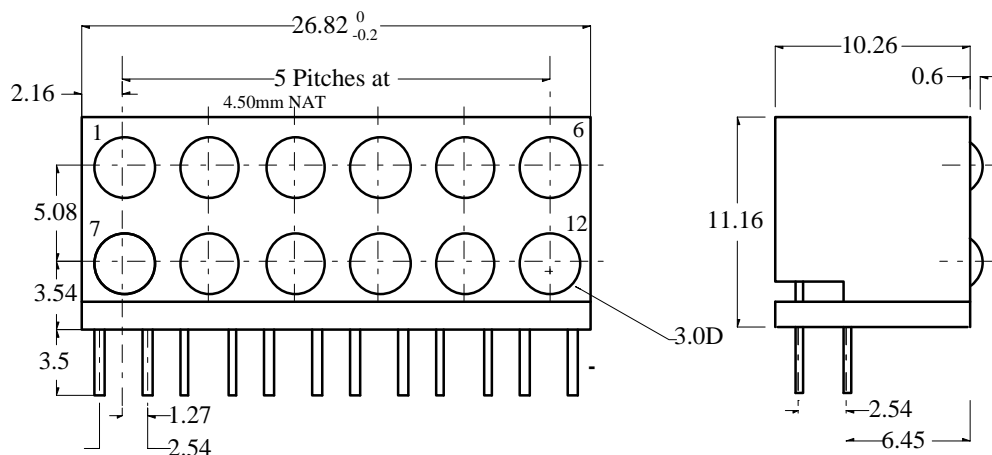
SSA 190 SERIES 3mm LED ARRAY 6 WAY 2 HIGH

The SSA 190 series is a family of display devices using a Black Nylon 6 VO rated housing to mount two to six double 3mm LEDs, mounted at right angles to a PCB. In any one batch the LEDs are lumenous intensity matched.

- Accurate alignment of LEDs.
- 2 Way to 6 Way available
- Low current and high brightness available.
- Unique Baseplate for accurate lead positioning.
- Matched LEDs.



MECHANICAL DATA



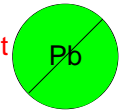
BEDFORD OPTO TECHNOLOGY LTD
1 BIGGAR BUSINESS PARK, BIGGAR, LANARKSHIRE ML12 6FX
Tel: +44 (0) 1899 221221 Fax: +44 (0) 1899 221009
Website: bot.co.uk E-mail: bill@bot.co.uk

14.3.06 ISS B

ABSOLUTE MAXIMUM RATINGS ($T_A = 25^{\circ}\text{C}$)

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

This component is RoHS compliant

**OPTO ELECTRONIC DATA** ($T_a = 25^{\circ}\text{C}$)

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	-
	ma	-	-	-	2.8
ORANGE	min	7.5	-	-	1.7
	typ	12	635	50	-

ORDERING INFORMATION

PART No. - SSA190

Indicate colour by using R = Red
Y = Yellow
G = Green
O = Orange
B = Blank

[BI-COLOURS ALSO AVAILABLE ON REQUEST]

Custom Part No.'s for Mixed Colours will be issued.

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