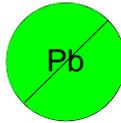


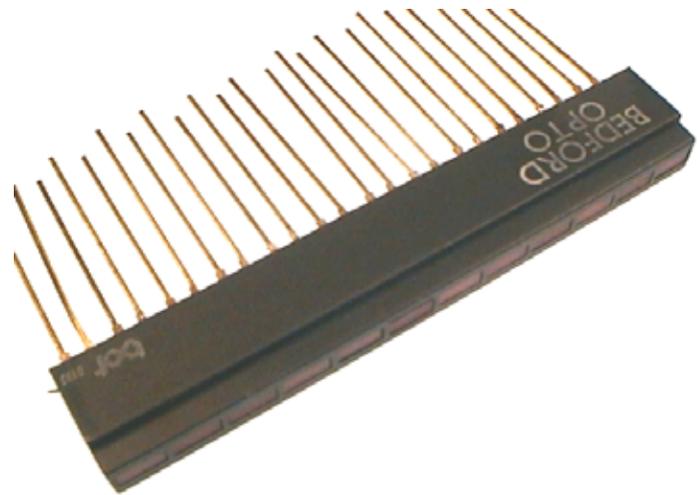
These components are RoHS compliant



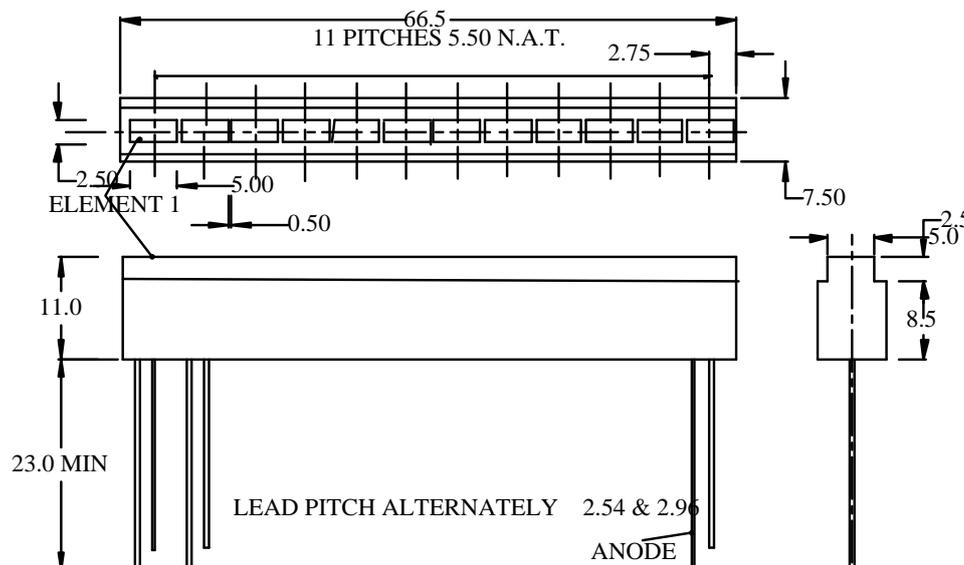
# BG1200 12 Element Bargraph

SSA-008 is a family of Bar graphs of various colours up to 12 elements. Light Emitting Diodes 5x2.5mm are mounted in a black nylon 6 housing which conforms to flammability specification UL-94VO. LEDs are flush with the housing for direct presentation in front panel. Large area 5x2.5mm LEDs.

- Any colour combination of H E Red, Yellow or Green LEDs.
- Any number of elements up to 12.
- Matching LEDs.
- Bi-Colour LEDs are also available.
- Closely spaced LEDs.
- Recessed housing for front panel mounting.



## 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 RATINGS (at 25 °C)

<b>DC FORWARD CURRENT</b>	30	mA
<b>POWER DISSIPATION PER LED Tamb &lt; 65 °C</b>	100	mW
<b>REVERSE VOLTAGE</b>	6.0	Volts
<b>STORAGE TEMP</b>	-55 TO +100	°C
<b>JUNCTION TEMP</b>	100	°C
<b>THERMAL RESISTANCE JUNCTION/AMBIENT</b>	350	K/W
<b>LEAD SOLDERING TEMP</b> 2m from body t < 5 sec	260	°C

## ELECTRO-OPTICAL DATA (25°C)

COLOUR	LED DESCRIPTION	PEAK WAVELENGTH nm	FORWARD VOLTAGE (If = 20mA) MAX V	LUMINOUS INTENSITY mcd If = 10mA	
				MIN	TYP
YELLOW	2.5x5mm Col-	585	3	1	3
GREEN	2.5x5mm Col-	565	3	1	2
HERED	2.5x5mm Col-	650	3	1	2

## ORDERING INFORMATION

For mixed colours, blanks & less than 12 elements please describe as:-

BG120X Y ——— Y

(Pos1)

(Pos12)

X = Number of elements

Y= H = HERed Y = Yellow G = Green B = Blank

**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**