

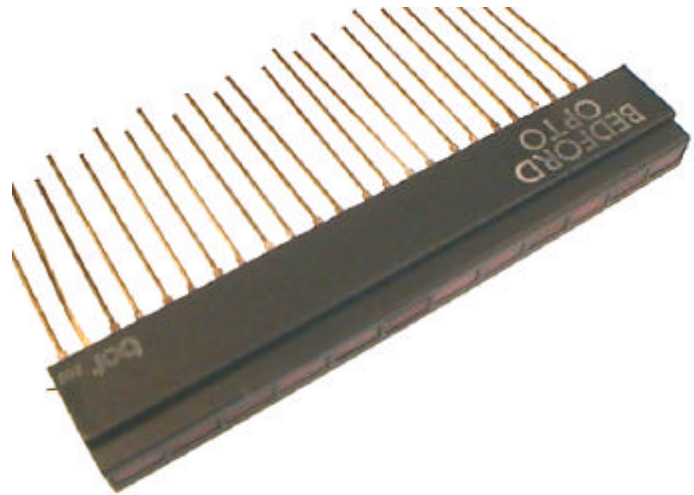
# BG1200

## 12 Element

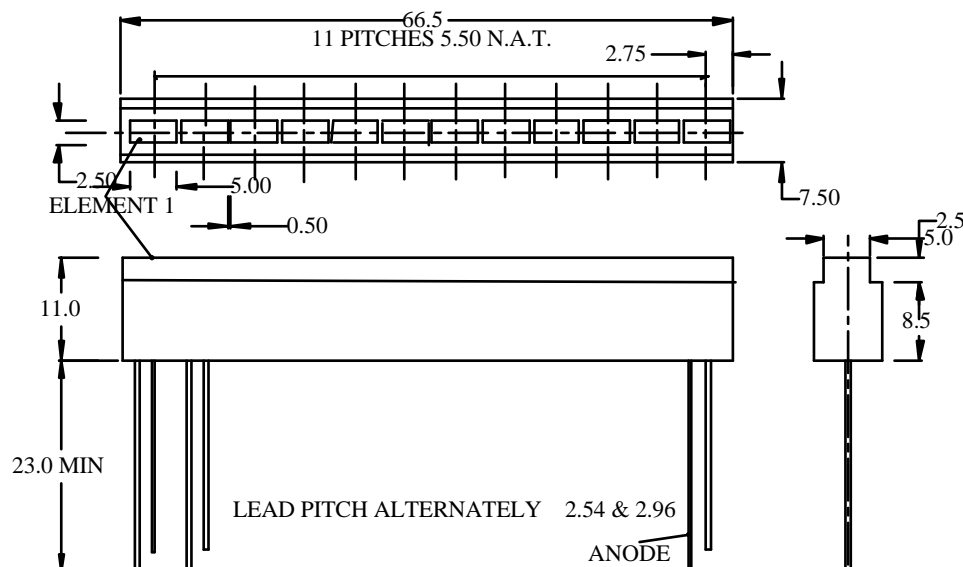
### Bargraph

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**  
**LINDSAYLANDS, BIGGAR, LANARKSHIRE, ML12 6NR**  
**Tel: +44 (0) 1899 221221 Fax: +44 (0) 1899 221009**  
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**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><br>2m from body t < 5 sec | 260         | °C    |

**ELECTRO-OPTICAL DATA (25°C)**

| COLOUR | LED DESCRIPTION             | PEAK WAVELENGTH<br>nm | FORWARD VOLTAGE<br>(If = 20mA)<br>MAX<br>V | LUMINOUS INTENSITY mcd<br>If = 10mA |     |
|--------|-----------------------------|-----------------------|--|-------------------------------------|-----|
|        |                             |                       |  | MIN                                 | TYP |
| YELLOW | 2.5x5mm Colour Top Diffused | 585                   | 3  | 1                                   | 3   |
| GREEN  | 2.5x5mm Colour Top Diffused | 565                   | 3  | 1                                   | 2   |
| HERED  | 2.5x5mm Colour Top Diffused | 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

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