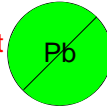


This component is RoHS compliant



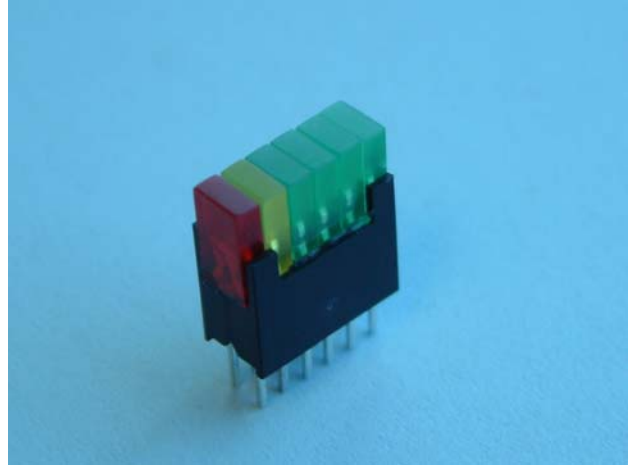
**BG 1600 SERIES  
LED BARGRAPH  
6 ELEMENT  
1.9x3.9mm**

## DESCRIPTION

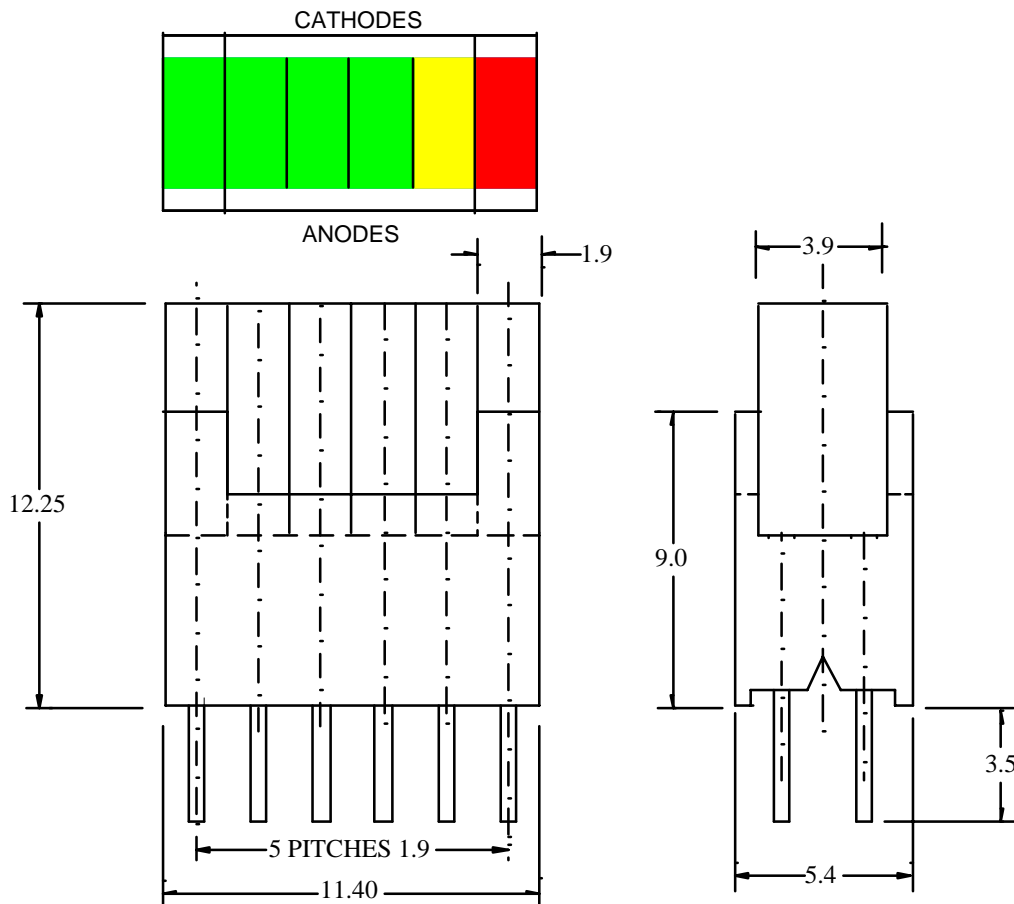
A six element end stackable Array of 1.9x3.9mm LEDs. Colours can be mixed or elements excluded. Castellations supports 3.25mm thick panel

## FEATURES

- 6 elements 3.9 x 1.9mm.
- End stackable .
- 3.25mm panel standoff
- Red Yellow green mixed
- 110 Deg Viewing angle



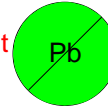
## MECHANICAL DATA



**BEDFORD OPTO TECHNOLOGY LTD**  
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## ABSOLUTE MAXIMUM RATINGS (Ta = 25 °C)

This component is RoHS compliant



PARAMETER	BRIGHT RED	HE RED	SUPER RED	ORANGE	YELLOW	GREEN	UNITS
FORWARD CURRENT	25	30	30	30	30	25	mA
PEAK CURRENT 10% DUTY CYCLE @ 1KHZ	130	160	155	160	140	140	mA
POWER DISSIPATION	120	105	100	105	105	105	mW
REVERSE VOLTAGE	5	5	5	5	5	5	Volts
OPERATING TEMP	-40 C TO +85 °C						
STORAGE TEMP	-40 C TO +85 °C						
LEAD SOLDERING TEMP	260°C FOR 3 SECONDS 2mm FROM BODY						

## OPTO ELECTRONIC DATA

TYPE NO.	COLOUR	PEAK WAVELENGTH nm	FORWARD VOLTAGE [MAX]		LUMINOUS INTENSITY		
			VF VOLTS	If mA	MIN	mcd TYP	If mA
BG1600BR	BRIGHT RED	700	2.5	20	0.4	1.0	10
BG1600HER	HE RED	627	2.5	20	3.0	6.0	10
BG1600SR	SUPER RED	660	2.5	20	36	70	20
BG1600 O	ORANGE	627	2.5	20	3.0	6.0	10
BG1600Y	YELLOW	590	2.5	20	1.0	3.0	10
BG1600G	GREEN	565	2.5	20	1.0	4.0	10

VIEWING ANGLE - 110 deg

### NOTES

MIXED COLOUR- Any combination of the above colours within the same package are available- custom part numbers will be issued to identify.

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