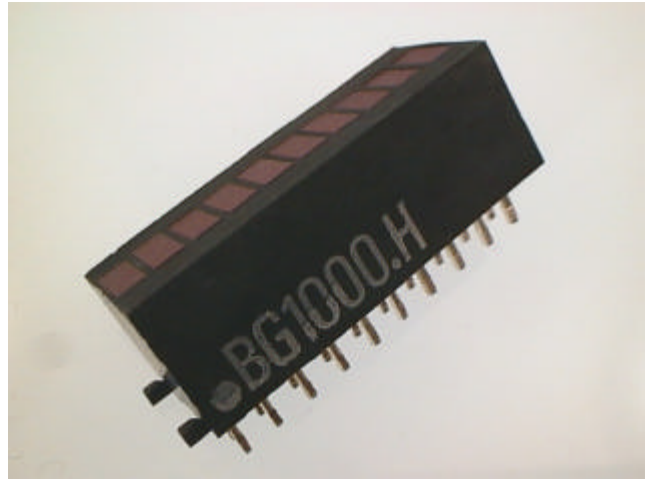


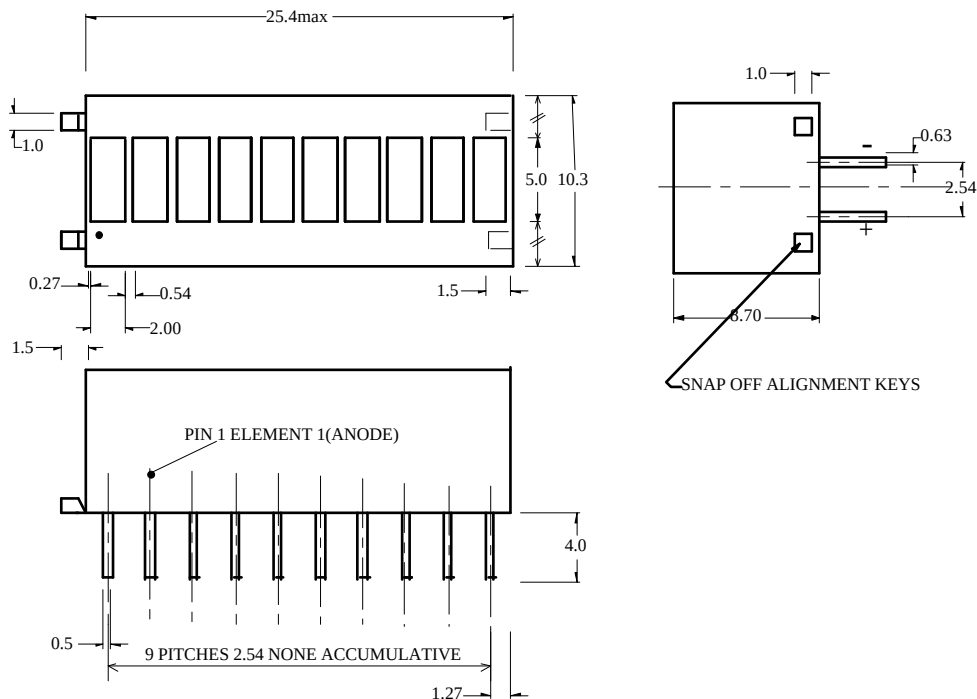
BG 1000 BARGRAPH 10 ELEMENT 5x2 mm

The BG1000 is a family of Bar graphs available in any number of end stackable elements up to 10. The package has alignment keys to facilitate accurate fast positioning and is moulded in black Vo rated Nylon 6. Any combination of 3 colours and number of elements can be supplied, all elements lumenous intensity matched.

- Custom multicolour capability. Red, Yellow, Green
- Variable number of elements
- Alignment keys for easy end stacking
- Wide viewing angle
- Large emitting area- 5x2mm
- High On-Off contrast



MECHANICAL DATA



BEDFORD OPTO TECHNOLOGY LTD
LINDSAYLANDS, BIGGAR, LANARKSHIRE, ML12 6NR

Tel: +44 (0) 1899 221221 Fax: +44 (0) 1899 221009

Website: bot.co.uk E-mail: bill@bot.co.uk

16.2.00 ISS A

	YELLOW	RED/GREEN
FORWARD CURRENT	20mA	30mA
POWER DISSIPATION PER LED	85mW	120mW
REVERSE VOLTAGE	5 Volts	5 Volts
STORAGE TEMP	-55 to +100°C	-55 TO +100 °C
DERATE LINEARLY FROM 50°C	1.6mW/°C	1.6mW/°C
LEAD SOLDERING TEMP 2m from body t < 5 sec	260°C	260°C

OPTO ELECTRONIC DATA Tamb = 25 °C

TYPE NO.	PEAK WAVELENGTH nm	FORWARD VOLTAGE MAX		LUMINOUS INTENSITY mcd			2 $\frac{1}{2}$ deg
		VF VOLTS	If mA	MIN	MAX	If Ma	
BG 1000H	635	2.0 (Max 3.0)	20	1.5	3.0	10	100
BG 1000Y	585	2.1 (Max 3.0)	20	1.5	3.0	10	100
BG 1000G	562	2.2 (Max 3.0)	20	1.5	3.0	10	100

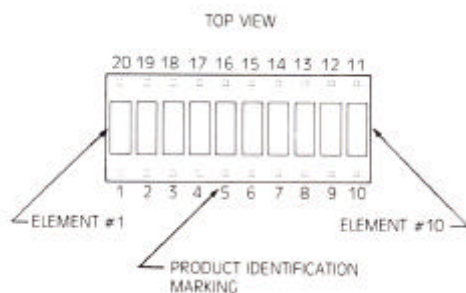
ORDERING INFORMATION

For Mixed colours, blanks and less than 10 elements, please describe your requirements as follows:
EXAMPLE

BG100X R R R B G G Y H Y Y

Family Position 1 Position 10
 X = 0 = 10 elements
 X = 9 = 9 elements etc

Y = Yellow G = Green B = Blank H = Hi-eff Red
Custom part numbers will be issued to simplify your ordering information



PIN	FUNCTION	PIN	FUNATION
1	ANODE 1	11	CATHODE 10
2	ANODE 2	12	CATHODE 9
3	ANODE 3	13	CATHODE 8
4	ANODE 4	14	CATHODE 7
5	ANODE 5	15	CATHODE 6
6	ANODE 6	16	CATHODE 5
7	ANODE 7	17	CATHODE 4
8	ANODE 8	18	CATHODE 3
9	ANODE 9	19	CATHODE 2
10	ANODE 10	20	CATHODE 1

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