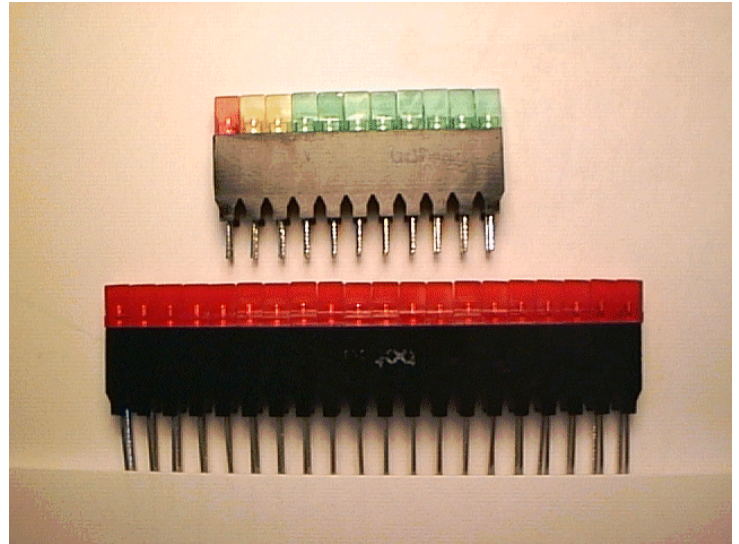


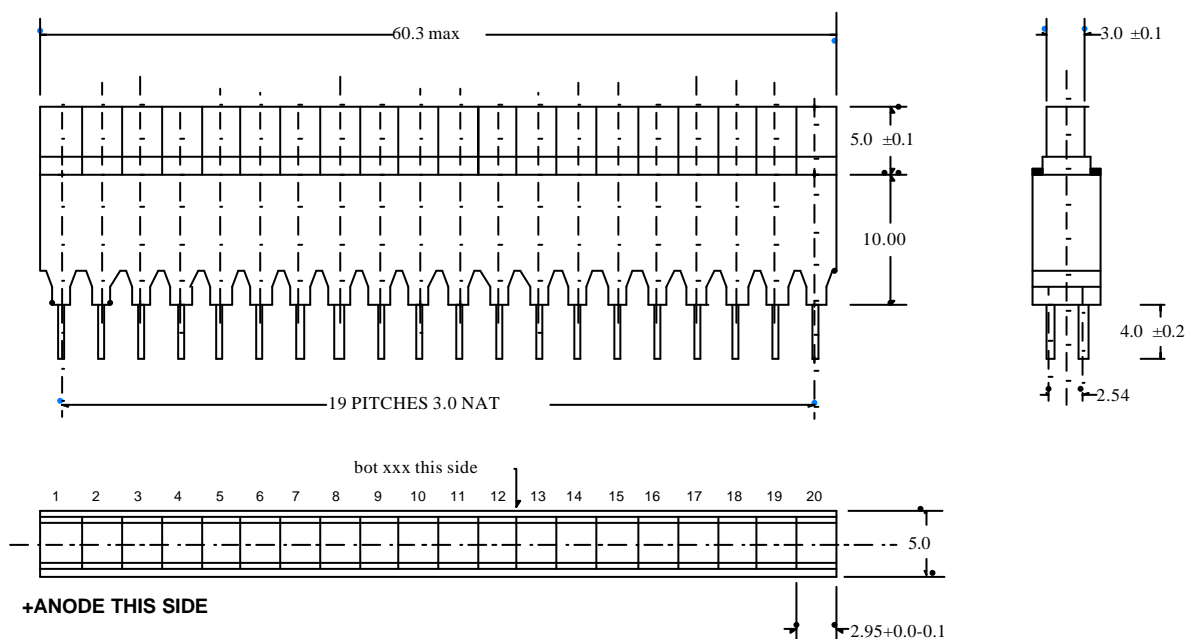
BG2000 SERIES 20 Element

BG2000 is a family of Bar graphs of various colours up to 20 elements. Light Emitting Diodes 3x3mm are mounted in a black Polycarbonate housing which conforms to flammability specification UL-94VO. The LEDs are aligned with a flat top for direct presentation to the viewer.

- Any colour combination of Red, Yellow or Green LEDs.
- Any number of elements up to 20.
- Matching LEDs..
- Closely spaced LEDs.



MECHANICAL DATA



BEDFORD OPTO TECHNOLOGY LTD
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BG2000 SE-

ABSOLUTE MAXIMUM RATINGS (at 25 °)

COLOUR	GREEN	RED/YELLOW	UNITS
DC FORWARD CURRENT	25	30	mA
POWER DISSIPATION PER LED	105	105	mW
REVERSE VOLTAGE	5.0	5.0	Volts
STORAGE TEMP	-40 TO +85	-40 TO +85	°C
OPERATING TEMP	-40 TO +85	-40 TO +85	°C
LEAD SOLDERING TEMP 2m from body t < 5 sec	260	260	°C

ELECTRO-OPTICAL DATA (25°C)

COLOUR	VIEWING ANGLE deg	PEAK WAVELENGTH nm	FORWARD VOLTAGE (If = 20mA) MAX	LUMINOUS INTENSITY mcd If = 20mA	
				MIN	TYP
YELLOW	110	590	3	2	8
GREEN	110	565	3	2	8
RED	110	625	3	3.2	8

ORDERING INFORMATION

For mixed colours & units less than 20 elements please describe as:- BG20XY XY = Number of elements

USE R,Y OR G TO INDICATE COLOUR SEQUENCE FROM LEFT
ON DRG ON FRONT PAGE

For devices with all same colour please describe as
BG2000X where X=colour

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