



**Description**

The BL series of LED Bargraph display, using high brightness LED chips and semiconductor encapsulations processing technology, is the ideal display device to replace moving coil indicators. Widely used in electronic display meters and instruments. The feature is as follows.

**Features**

- The use of sub-block scattering techniques, wide the angle of view
- Clearly display, uniform brightness
- Antimagnetic, aseismatic, impact resistance
- High reliability, maximum mean life

**Absolute Maximum Rating (T<sub>A</sub>=25 °C)**

	Symbol	Min.	Typ.	Max.	Units
Peak forward current	I <sub>F</sub>	30	80	100	mA
Reverse voltage	V <sub>R</sub>		5		V
Power dissipation	P <sub>W</sub>		0.2 (F. S.)	0.3	W
Operating temperature range	T <sub>J</sub>	-25		70	°C
Storage temperature range	T <sub>Stg</sub>	-40		85	°C
Soldering time at 260°C			3sec		

**Electro-optical Characteristics (T<sub>A</sub>=25 °C)**

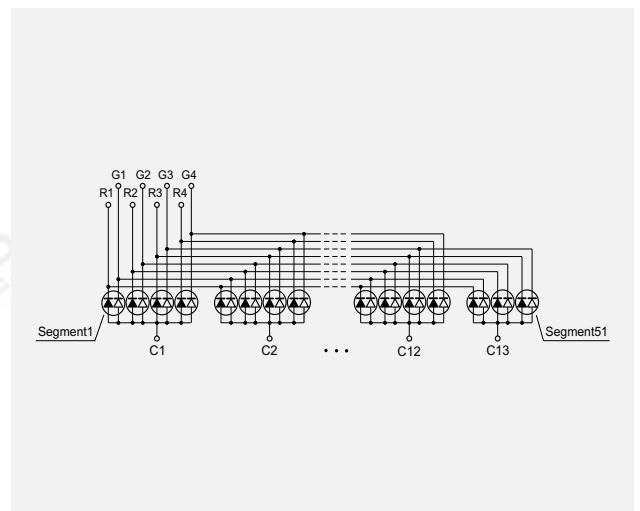
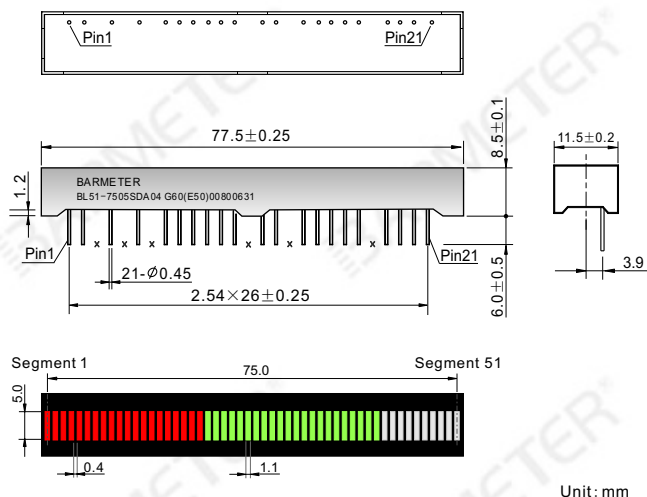
	Symbol	Red (E80)	Green (G60)	Test condition
Peak wavelength	λ <sub>P</sub>	625nm	570nm	I <sub>F</sub> =20mA
Segment brightness	I <sub>V</sub>	80mcd	60mcd	I <sub>F</sub> =20mA
Forward voltage	V <sub>F</sub>	1.9V	2.0V	I <sub>F</sub> =20mA

[Http://www.barmeter.com](http://www.barmeter.com)

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**Dimension and Circuit**



Unit: mm

**Pin Definition**

Pin No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
		C1	C2	C3	C4		C5			C6	C7	C8		C9		C10	C11	C12			C13
	R1					R2	G2	G4					R3		R4				G1	G3	