

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 angle of view
- Clearly display, uniform brightness
- Antimagnetic, aseismatic, impact resistance
- High reliability, maximum mean life

Absolute Maximum Rating (T_A=25 °C)

	Symbol	Min.	Typ.	Max.	Units
Peak forward current	I _F	30	80	100	mA
Reverse voltage	V _R		5		V
Power dissipation	P _W		0.2 (F. S.)	0.3	W
Operating temperature range	T _J	-25		70	°C
Storage temperature range	T _{Stg}	-40		85	°C
Soldering time at 260°C			3sec		

Electro-optical Characteristics (T_A=25 °C)

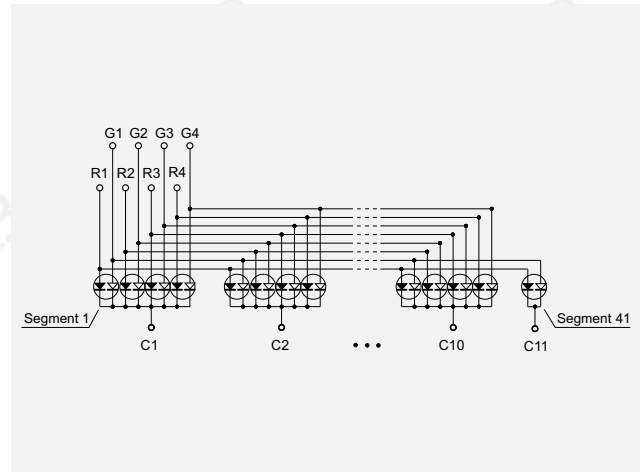
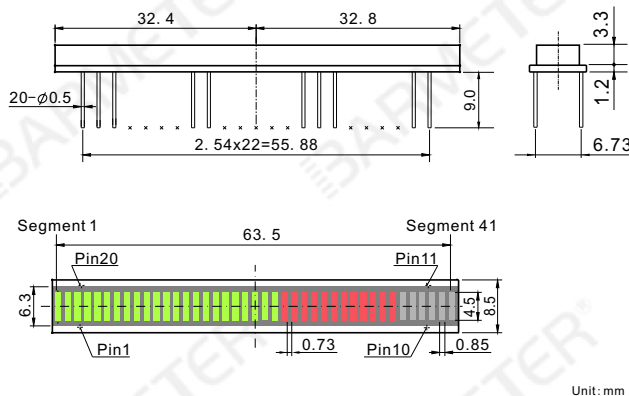
	Symbol	Red (E80)	Green (G60)	Test condition
Peak wavelength	λ _P	625nm	570nm	I _F =20mA
Segment brightness	I _V	80mcd	60mcd	I _F =20mA
Forward voltage	V _F	1.9V	2.0V	I _F =20mA

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Dimension and Circuit



Pin Definition

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