

Description

The BL series of LED Bargraph Indicator, Produced by high-light LED chips and special processing of Semiconductor encapsulations Technology. Widely used in electronic display meters and instruments. Which is the ideal display device for the simulated indicators that need to be updated. The features as followed:

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 ($T_A=25^\circ\text{C}$)

	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	$^\circ\text{C}$
Storage temperature range	T_{Stg}	-40		85	$^\circ\text{C}$
Soldering time at 260 $^\circ\text{C}$			3 sec		

Electro-optical Characteristics ($T_A=25^\circ\text{C}$)

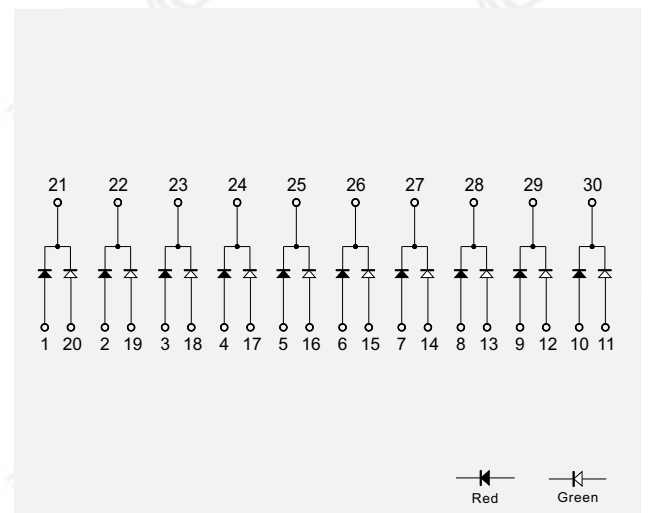
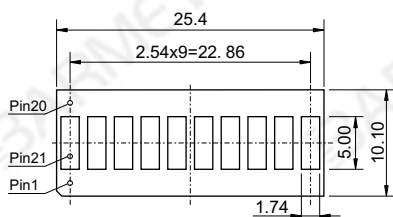
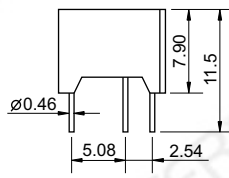
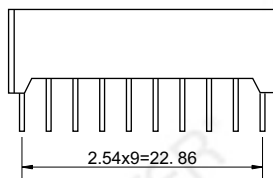
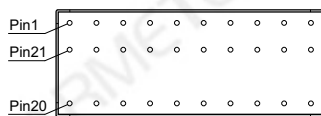
	Symbol	Red	Green	Test condition
Peak wavelength	λ_P	625nm	570nm	$I_F=20\text{mA}$
Segment brightness	I_V	13mcd	15mcd	$I_F=20\text{mA}$
Forward voltage	V_F	1.9V	2.0V	$I_F=20\text{mA}$

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Dimension and Circuit



Unit: mm