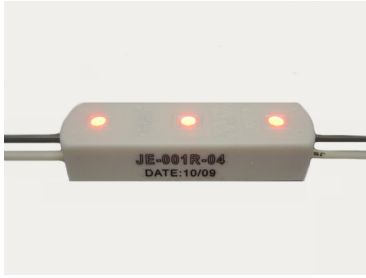


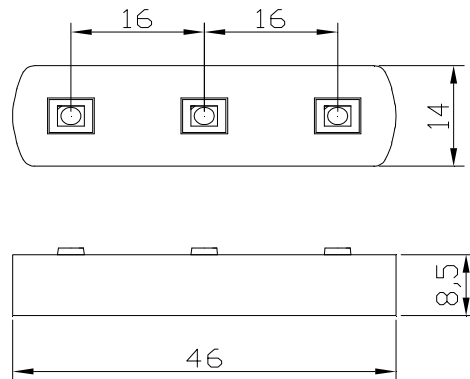


LED Module JE-001R-04 Specification

Description



Dimensions (mm)



Notes:

1. All dimensions are in millimeters.
2. Tolerance is ± 0.25 unless otherwise noted.
3. Lead spacing is measured where the lead emerge package.
4. Specifications are subject to change without notice.

Selection guide

Part No.	Emoted Color	Lens Type	Iv (lm) @35mA		Viewing Angle 2 θ 1/2
			Min.	Typ.	
JE-001R-04	Red	Water clear	10	12	120° \pm 5

Electrical / Optical characteristics at T_A=25°C

Parameter	Typ.	Max.	Units
Dominate Wavelength	620	626	nm
Forward Voltage	12	12.2	V
Forward Current	33	35	mA
Power consumption	396	427	mW



LED Module JE-001R-04 Specification

Operating temperature	-40°C To +85°C
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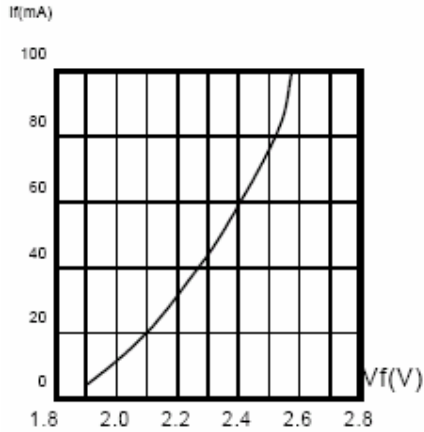


Fig.1 Forward Current VS. Forward Voltage.

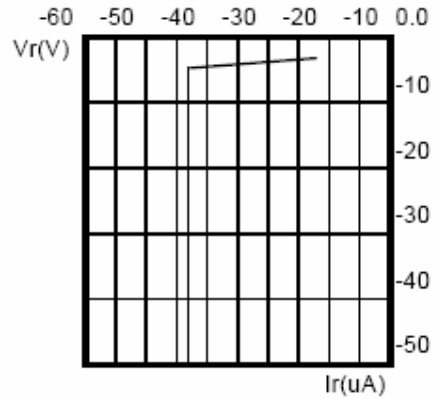


Fig.2 Reverse Current VS. Reverse Voltage.

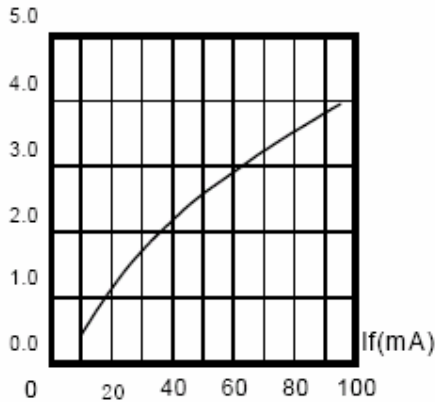


Fig.3 Relative Luminous Intensity VS. Forward Current.

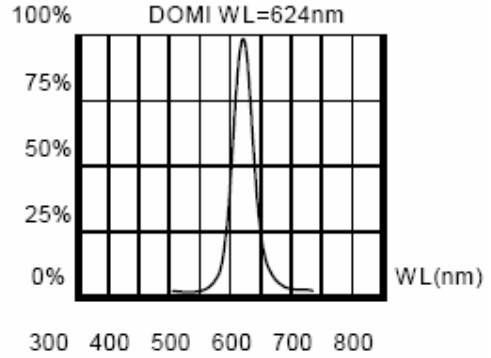


Fig.4 Relative Luminous Intensity VS. Wavelength.

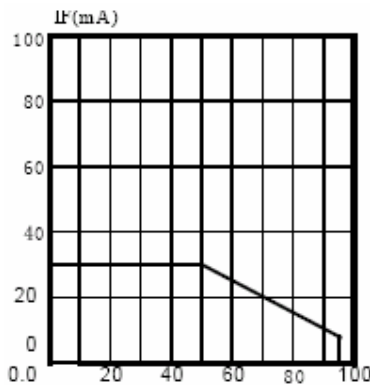


FIG.5 MAXIMUM FORWARD DC CURRENT VS AMBIENT TEMPERATURE(Tjmax=105°C)

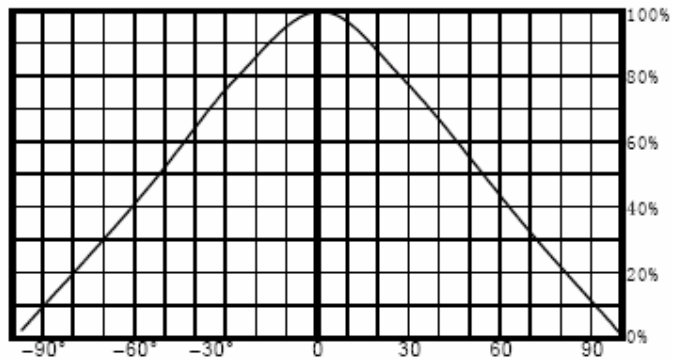


Fig.6 Far Field Pattern(50% Power Angle)