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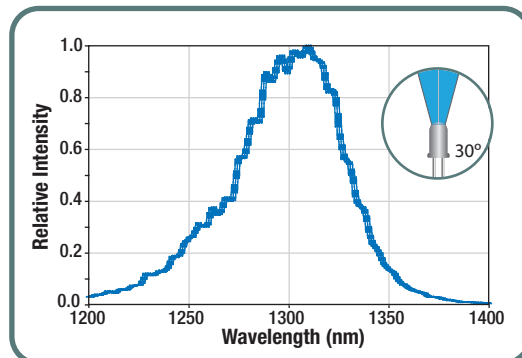
 $\lambda = 1300$ nm, P = 2.0 mW LED

- Epoxy Lens, 30° Viewing Full Angle
- T-1 3/4 Package

CHARACTERISTIC (T _a = 25 °C)	MIN	TYPICAL	MAX
Peak Wavelength	1250 nm	1300 nm	1350 nm
Optical Power @ 20 mA, CW	1.7 mW	2.0 mW	2.3 mW
Spectral Half Width	45 nm	50 nm	55 nm
Viewing Full Angle	24°	30°	36°
Forward Current	—	—	100 mA
Pulsed Forward Current*	—	—	1000 mA
Reverse Voltage	—	—	5 V
Forward Voltage @ 20 mA	—	1.2 V	1.5 V
Operating Temperature	-30 °C	—	85 °C
Storage Temperature	-30 °C	—	100 °C
Rise/Fall Time	—	10 ns	—

*1 ms Pulse with 10% Duty Cycle

ITEM #	\$	£	€	RMB	DESCRIPTION
LED1300E	\$ 17.80	£ 12.82	€ 15.49	¥ 141.87	Epoxy-Encased LED, 1300 nm, 2.0 mW, T-1 3/4

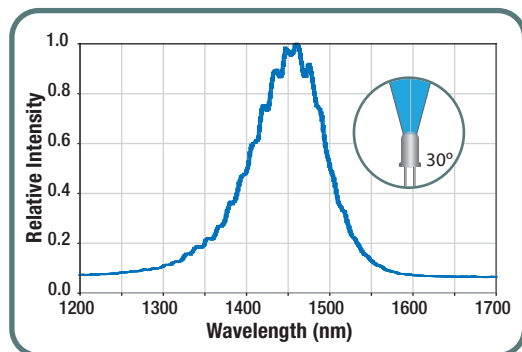
 **$\lambda = 1450$ nm, P = 2.0 mW LED**

- Epoxy Lens, 30° Viewing Full Angle
- T-1 3/4 Package

CHARACTERISTIC (T _a = 25 °C)	MIN	TYPICAL	MAX
Peak Wavelength	1400 nm	1450 nm	1500 nm
Optical Power @ 20 mA, CW	1.7 mW	2.0 mW	2.3 mW
Spectral Half Width	45 nm	50 nm	55 nm
Viewing Full Angle	24°	30°	36°
Forward Current	—	—	100 mA
Pulsed Forward Current*	—	—	1000 mA
Reverse Voltage	—	—	5.0 V
Forward Voltage @ 20 mA	—	1.2 V	1.5 V
Operating Temperature	-30 °C	—	85 °C
Storage Temperature	-30 °C	—	100 °C
Rise/Fall Time	—	—	—

*1 ms Pulse with 10% Duty Cycle

ITEM #	\$	£	€	RMB	DESCRIPTION
LED1450E	\$ 17.50	£ 12.60	€ 15.23	¥ 139.48	Epoxy-Encased LED, 1450 nm, 2.0 mW, T-1 3/4



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- ◆ A-Scan Imaging up to 91 kHz
- ◆ Sensitivity up to 106 dB

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See pages 1748 - 1753

