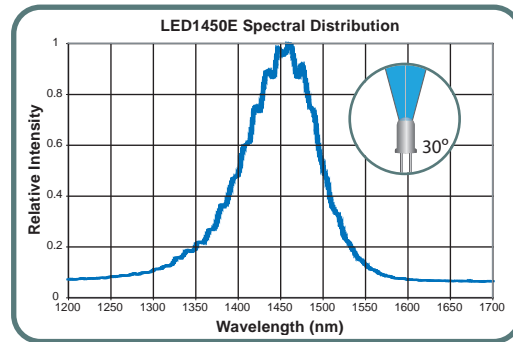


$\lambda = 1450 \text{ nm}$, $P = 2.0 \text{ mW}$ LED

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

CHARACTERISTIC ($T_a = 25^\circ\text{C}$)	MIN	TYP.	MAX
Peak Wavelength	1400 nm	1450 nm	1500 nm
Optical Power @ 20 mA, CW	–	2.0 mW	–
Spectral Half Width	–	100 nm	–
Viewing Full Angle	–	30°	–
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	–	10/10 ns	–

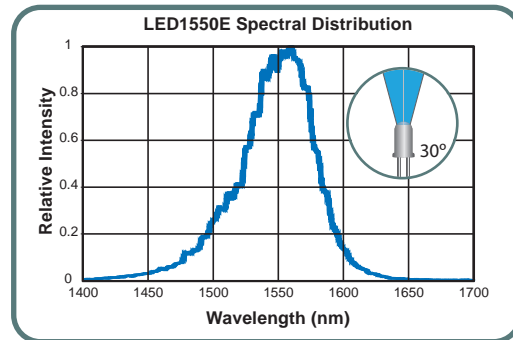


ITEM#	\$	£	€	RMB	DESCRIPTION
LED1450E	\$ 16.85	£ 11.70	€ 15,00	¥ 142.30	LED with Epoxy Lens, 1450 nm, 2.0 mW, T-1 3/4

 $\lambda = 1550 \text{ nm}$, $P = 2.0 \text{ mW}$ LED

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

CHARACTERISTIC ($T_a = 25^\circ\text{C}$)	MIN	TYP.	MAX
Peak Wavelength	1500 nm	1550 nm	1600 nm
Optical Power @ 20 mA, CW	–	2.0 mW	–
Spectral Half Width	–	100 nm	–
Viewing Full Angle	–	30°	–
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	–	10/10 ns	–

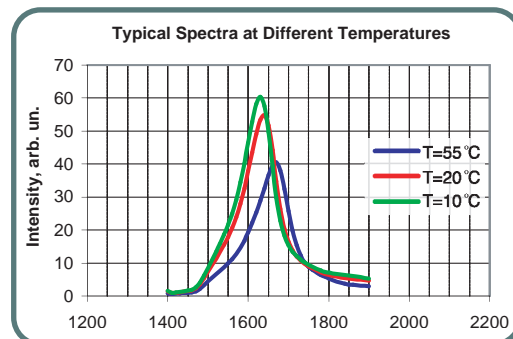
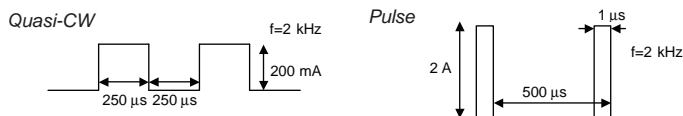


ITEM#	\$	£	€	RMB	DESCRIPTION
LED1550E	\$ 15.25	£ 10.55	€ 13,60	¥ 128.80	LED with Epoxy Lens, 1550 nm, 2.0 mW, T-1 3/4

 $\lambda = 1650 \text{ nm}$, $P = 0.9 \text{ mW}$ LED

- LED with Parabolic Reflector
- TO-18R Package

CHARACTERISTIC ($T_a = 25^\circ\text{C}$)	MIN	TYP.	MAX
Peak Wavelength	1600 nm	1650 nm	1690 nm
Optical Power, (0.2 A Pulse)	0.7 mW	0.9 mW	1.1 mW
Optical Power (2A Pulse)	15 mW	20 mW	25 mW
Spectral Half Width	100 nm	150 nm	200 nm
Switching Time	10 ns	30 ns	50 ns

Recommended Regimes of Operation

ITEM#	\$	£	€	RMB	DESCRIPTION
LED1650P	\$ 102.00	£ 70.80	€ 90,60	¥ 861.30	LED with Parabolic Reflector, 1650 nm, 0.9 mW, TO-18R