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Coherent
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Electronics

Drivers/Mounts

Accessories

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Mounted LEDs

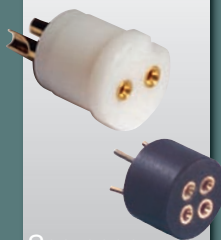
Unmounted LEDs

SLDs

ASE Sources

Lamps

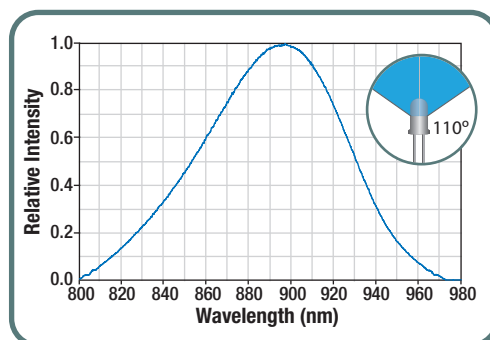
Optical Amplifiers

LED
SocketsSee page
441 **$\lambda = 880 \text{ nm}$, **P = 100.0 mW LED****

- Glass Window, 110° Viewing Full Angle
- TO-39 Package

CHARACTERISTIC (Ta = 25 °C)	MIN	TYPICAL	MAX
Peak Wavelength	875 nm	880 nm	885 nm
Optical Power @ 500 mA, CW	80.0 mW	100.0 mW	—
Spectral Half Width	—	40 nm	—
Viewing Full Angle	—	110°	—
Forward Current	—	50 mA	500 mA
Reverse Voltage	—	—	10.0 V
Forward Voltage @ 500 mA	—	1.65 V	2.0 V
Operating Temperature	-55 °C	—	100 °C
Storage Temperature	-55 °C	—	100 °C
Rise/Fall Time	—	—	0.7 μsec

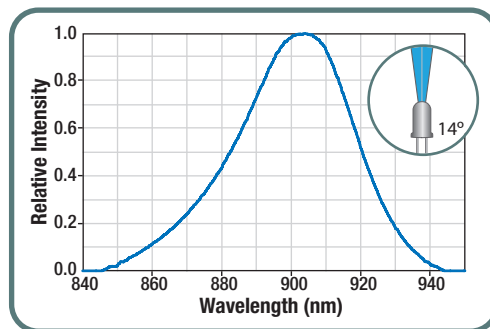
ITEM #	\$	£	€	RMB	DESCRIPTION
LED880W	\$ 29.04	£ 20.91	€ 25,26	¥ 231.45	LED with a Window, 880 nm, 100.0 mW, TO-39

 **$\lambda = 910 \text{ nm}$, **P = 12 mW LED****

- Epoxy Lens, 14° Viewing Full Angle
- T-1 3/4 Package

CHARACTERISTIC (Ta = 25 °C)	MIN	TYPICAL	MAX
Peak Wavelength	900 nm	910 nm	920 nm
Optical Power @ 50 mA, CW	7 mW	12 mW	—
Spectral Half Width	—	17.5 nm	—
Viewing Full Angle	—	14°	—
Forward Current	—	50 mA	100 mA
Reverse Voltage	—	—	5 V
Forward Voltage @ 50 mA	—	1.4 V	1.6 V
Operating Temperature	-30 °C	—	85 °C
Storage Temperature	-40 °C	—	100 °C

ITEM #	\$	£	€	RMB	DESCRIPTION
LED910E	\$ 3.84	£ 2.76	€ 3,34	¥ 30.60	LED with a Window, 910 nm, 12 mW, T-1 3/4

 **$\lambda = 940 \text{ nm}$, **P = 18 mW LED****

- Epoxy Lens, 20° Full Viewing
- T-1 3/4 Package

CHARACTERISTIC (Ta = 25 °C)	MIN	TYPICAL	MAX
Peak Wavelength	—	940 nm	—
Optical Power @ 20 mA, CW	—	18 mW	—
Spectral Half Width	—	25 nm	—
Viewing Full Angle	—	20°	—
Forward Current	—	—	100 mA
Pulsed Forward Current*	—	—	1000 mA
Reverse Voltage	—	—	5.0 V
Forward Voltage @ 20 mA	—	1.3 V	1.45 V
Operating Temperature	-30 °C	—	85 °C
Storage Temperature	-30 °C	—	100 °C
Rise/Fall Time	—	1/0.5 μs	—

*0.1 ms Pulse with 10% Duty Cycle

ITEM #	\$	£	€	RMB	DESCRIPTION
LED940E	\$ 11.25	£ 8.10	€ 9,79	¥ 89.66	LED with Epoxy Lens, 940 nm, 18 mW, T-1 3/4 (Qty. 5)

Sold in
Packages of 5