

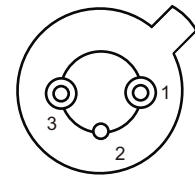
LED 1310 nm (Light Emitting Diode)

Features of Diode

- High efficiency
- -40 to 85 °C operating temperature
- Hermetically sealed active component
- TO-46 packaging with integrated ball lens cap
- Optical data communication transmitter application
- E-O converters application
- LANS application
- FDDI networks application
- FITL application



PINOUT



Bottom view

Absolute maximum ratings

Parameter	Min.	Max.
Storage temperature	-40 °C	85 °C
Operating temperature	-40 °C	85 °C
Laser continuous forward current		150 mA
Laser reverse voltage		2.0 V

Number	Function
1	LED Anode
2	LED Cathode
3	Case GND

Electrical-optical characteristics

Parameter Laser Diode	Test Condition	Min.	Typ.	Max.
Wavelength		1280 nm	1310 nm	1350 nm
Forward voltage			1.2 V	1.7 V
Rise and fall time	10-90%		3.5 ns	
Parameter Receptacle		Min.	Typ.	Max.
Optical output power (type A)	Multimode 62.5/125 µm fiber	30 µW		
Possible receptacle (type A)	ST1, ST2, ST4, P2, LC, SC, FC1, FC2, Fiberdip, SMA1 ¹⁾ , SMA2 ¹⁾			

Compliant with RoHS-requirements (2002/95/EG vom 27.01.2003)