LP660CFA 660nm FP Coaxial package Laser diode



Description

LP660CFA 660nm FP Coaxial package Laser diode.

Features

- Wavelength 660nm
- High reliability
- Fiber output power 40mW

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Advantages

- Indicator Light
- Printing
- Medical Care
- Scientific Research

E/O Characteristics

Electrical and optical characteristics (Tc=25±3℃, unless otherwise noted)

Parameter	Symbol	Min	Typ	Max	Unit	Test Condition
Wavelength	λ	652	660	670	nm	Po=40mW
Output Power	Po	---	40	---	mW	
Operating Current	Iop	---	120	180	mA	Po=40mW
Operating Voltage	Vop	---	2.5	3.5	V	Po=40mW
Fiber Core Diameter	Dcore	---	4	---	um	
Fiber Clad Diameter	Dclad	---	125	---	um	
Fiber Numerical Aperture	NA	---	0.13	---		
Fiber Length		1000	---	---	mm	
Fiber Jacket Diameter		---	900	---	um	
Fiber optic connector		without connector				

Absolute Maximum Ratings

Parameter	Symbol	Min	Max	Unit	Note
Operating Temperature	TC	-10	+60	℃	
Storage Temperature (Ambient)	TSTG	-40	+85	℃	
Reverse Voltage	VR	---	2	V	
Soldering temperature（＜10sec）	Stemp	---	260	℃	

Dimension

Unit: mm

