

1450nm Laser Module



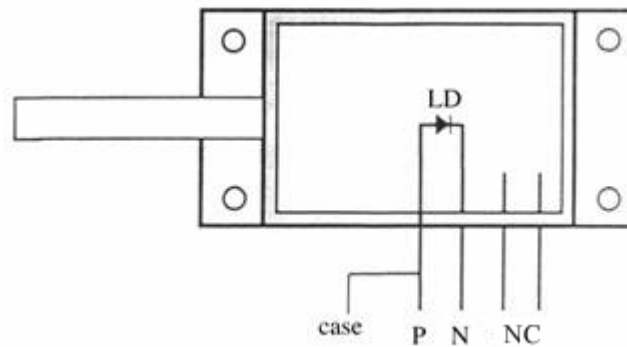
Features

Uncooled MQW Laser Module
Multimode Fiber Output

Application

Medical Usage

Functional Diagram



Specifications (25°C)**G145PU0450m****Optical Specifications**

CW Output Power from Fiber	400mW
Central Wavelength	1420-1480nm
Spectral Width	<7nm
Wavelength Temperature Coefficient	0.3nm/°C

Fiber Characteristics

Fiber Core Size	100µm
N. A.	0.22
Fiber Length	1m
Connector	FC/ST/SMA-905

Electrical Characteristics

Slope Efficiency	>0.6W/A
Threshold Current	700mA
Operating Current	2800mA
Operating Voltage	<1.5 V
Series Resistance	<0.3Ω

Package	P ₁ - Package
----------------	--------------------------