

780nm 30mW Coaxial Packaging Single-Mode Fiber Coupled Laser



● Product Description

The LP-780SM-FA-C series coaxial single-mode fiber coupled laser is a low-loss single-mode fiber coupled laser introduced by Idealphotonics . It features a compact packaging size and high output power. Our products are widely used in laser communication, printing, and laser medical fields.

● Part Number

LP-780SM-FA-C

● Product features

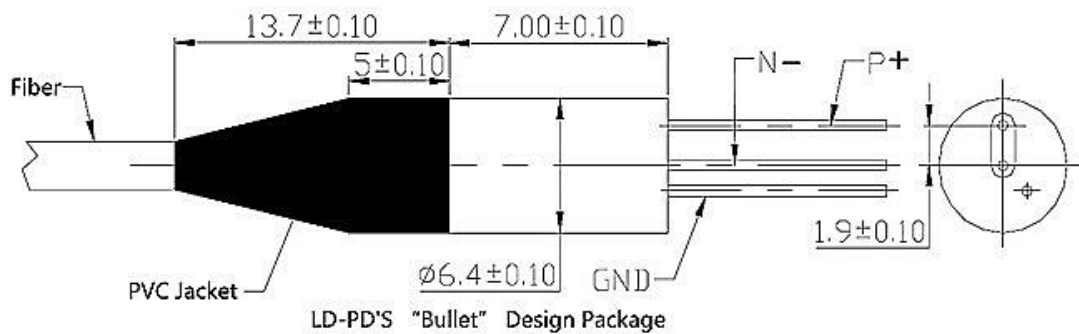
Wavelength: 780nm、 Single-mode fiber、 Coaxial package、 Built-in detector

● Application area

Medical field、 Printing、 Fiber laser systems

Parameters

Dimensional Drawing



Parameters

Parameters	Value
Center wavelength (nm)	$780 \pm 5\text{nm}$
Continuous output power (mW)	>30mw
Spectral width	0.5-2nm
Fiber core	6um
Numerical aperture (NA)	0.12
Fiber length	0.8m
Connector	FC/APC
Operating voltage	1.8-2.3V
Threshold current	35mA
Maximum operating current	140mA
Monitoring current	0.5mA
Differential efficiency	0.9mw/mA
PD reverse breakdown voltage	30V
Package type	Coaxial package

pin definition



Bottom View

1	LD+
2	LD-/PD+
3	PD-

