

■ Features

1550nm
DFB Laser Diode
Built-in Photodiodes
9um SM Fiber
Isolation Optional
Coaxial or B5 Package



■ Absolute Maximum Ratings

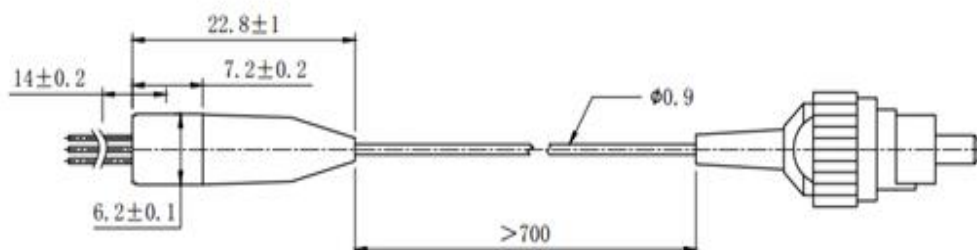
Parameter	Symbol	Value	Unit
LD Reverse Voltage	V_r	2.0	V
PD Reverse Voltage	$V_{r(PD)}$	15	V
Operating Temperature	T_{op}	-20 ~ +50	°C
Storage Temperature	T_{stg}	-40 ~ +100	°C
Lead Soldering Temperature (10sec)	T_{is}	260	°C

■ Initial Electrical/Optical Characteristics

Item	Symbol
Center Wavelength @ 25°C	1550±10nm
Laser Type	DFB
Spectral Width (FWHM)	0.2nm
Output Power	8mW
Fiber Type	SM Fiber
Fiber Core	9um
Recommend Operating Temperature	25°C
Threshold Current (Typ.)	5mA
Operating Current (Typ.)	75mA
Operating Voltage	1.4V
SMSR	35dB
PD Capacitance	10pF
Package Style	Coaxial or B5
Connector	FC/SC/SMA905

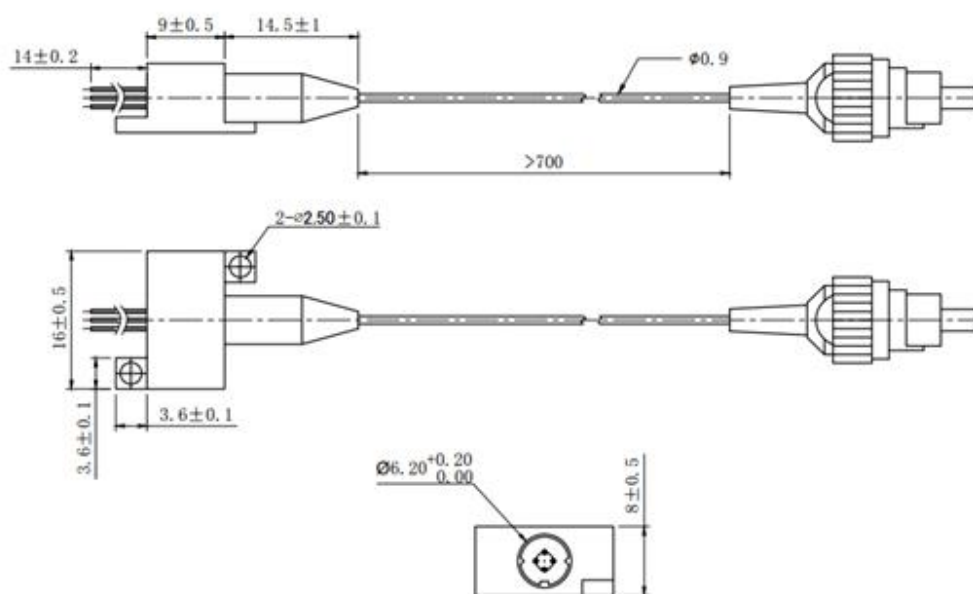
Coaxial Package View

mm

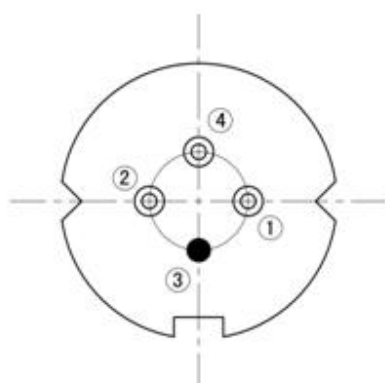


B5 Package View

mm



Bottom View



1	PD(+)
2	LD(-)
3	LD(+)
4	PD(-)

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