

ECO SERIES PIGTAILED PHOTODIODE

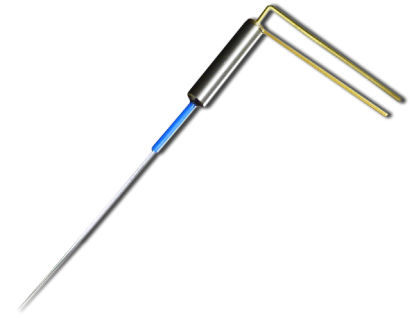
PIPD Eco Series

Key Features

- ◆ Mini Coaxial Package
- ◆ Cost Effective
- ◆ RoHS 6/6 Compliant

Applications

- ◆ Network Power Monitoring
- ◆ Test & Measurement
- ◆ Instrumentation



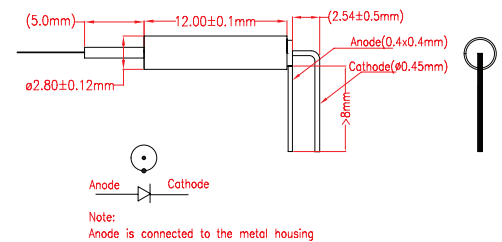
Performance Specifications

Parameters		Specification		Unit
Operating Wavelength Range		1260~1360	1510~1610	nm
Optical	Return Loss (exclude connector)	≥ 35		dB
Monitoring	Responsivity (relative to nominal power at input port)	≥ 0.7	≥ 0.8	A/W
	Responsivity Temperature Dependence (@1310nm or 1550nm)	≤ 0.2		dB
	Responsivity Polarization Dependence	≤ 0.15		dB
PD	PD Dark Current (@ 70°C, -5V bias)	0.5G Bandwidth	≤ 10	nA
		2.0G Bandwidth	≤ 3	nA
	Reverse Voltage (abs max rating)	≤ 20		V
	Forward Current (abs max rating)	≤ 10		mA
Input Optical Power		≤ 4		dBm
Conditions	Operating Temperature Range (<85%RH, Non-condensing)	-5 to +70		°C
	Storage Temperature Range (<85%RH, Non-condensing)	-40 to +85		°C

Dimensions

Mini Package

“P5 + 250 μm Bare Fiber” or “P5 + 900μm Loose Tube”



Ordering Information

Wavelength	Bandwidth	Package & Fiber Type	Fiber Length	Output Connector
1310nm = 3	0.5G = 05	P5+ 250μm bare fiber = 51	0.5meter = H	None = 1
C+L = E	2.0G = 20	P5+ 900μm loose tube = 52	1.0meter = 1	FC/PC = 2
1310/1550nm = D		P6+ 250μm bare fiber = 61	1.5meter = 5	FC/SPC = 3
		P6+ 900μm loose tube = 62	2.0meter = 2	FC/APC = 4
		P7+ 250μm bare fiber = 71		SC/PC = 5
		P7+ 900μm loose tube = 72		SC/SPC = 6
				SC/APC = 7
				ST = 8
				LC/PC = 9
				MU = A
				LC/APC = B

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