



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# ECO SERIES PIGTAILED PHOTODIODE

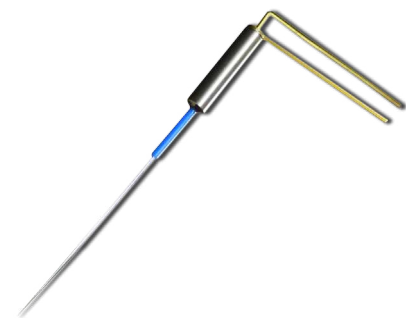
## PIPD Eco Series

### Key Features

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

### Applications

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



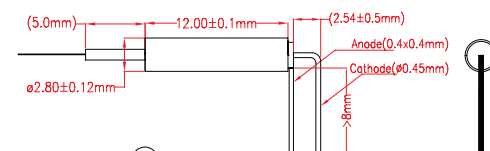
### Performance Specifications

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

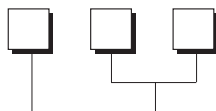
"P5 + 250 μm Bare Fiber" or "P5 + 900μm Loose Tube"



Note:  
Anode is connected to the metal housing

### Ordering Information

PIPD



**Wavelength**  
1310nm = 3  
C+L = E  
1310/1550nm = D

**Bandwidth**  
0.5G = 05  
2.0G = 20

E

C

O

1

G

**Package & Fiber Type**  
P5+ 250μm bare fiber = 51  
P5+ 900μm loose tube = 52

**Fiber Length**  
0.5meter = H  
1.0meter = 1  
1.5meter = 5  
2.0meter = 2

**Output Connector**  
None = 1  
FC/PC = 2  
FC/SPC = 3  
FC/APC = 4  
SC/PC = 5  
SC/SPC = 6  
SC/APC = 7  
ST = 8  
LC/PC = 9  
MU = A  
LC/APC = B