

# PIGTAIL-PD MONITOR

## Features

- Low back reflection
- High responsivity
- Low leakage
- Integrated devices, compact size
- Telcordia compliant
- RoHS compliant

## Applications

- C- and L- band monitoring
- High sensitivity monitoring
- EDFA and DWDM
- 40 and 10 Gb/s line monitoring
- 1310 and 1550 PONs

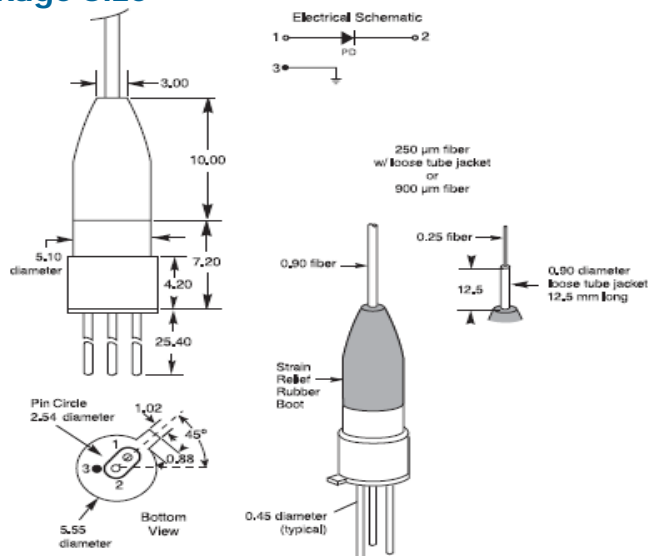
## Specifications

Parameter		Specification	Unit
Operating Wavelength		C/L band	
Maximum Input Power		10	dBm
Responsivity	Min	0.80	A/W
Back reflection	Min	40	dB
Dark current@+70°C	Max	5	nA
Capacitance <sup>1</sup>	Max	7.0	pF
Bandwidth <sup>2</sup>	Typical	2.0	GHz
Reverse Voltage	Max	20 (Typ 5)	V
Soldering Temperature	Max	250	°C
Operating Temperature Range		0~+70	°C
Storage Temperature Range		-40~+85	°C
Package Dimension (L*Ø)		17.2*5.6 (standard) or 16*3.5 (mini)	mm

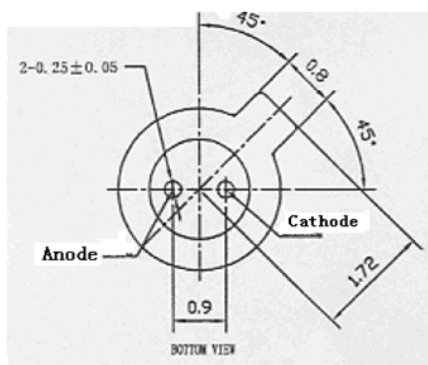
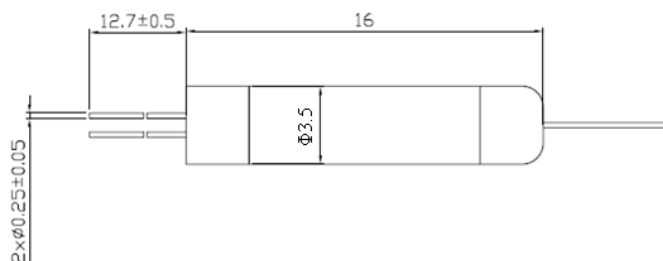
1. Measured with case grounded.
2. -3dB point into a 50Ω load.

## Dimension

### ● Standard Package Size



● Mini Package Size



Order Information

PPD - A - B - C - D

A	Standard/Mini Size	S: Standard size; M: Mini Size
B	Pass Band	C: C-Band(1310&1550nm) L: L-Band(1550&1625nm)
C	Fiber Type	1: 250μm bare fiber 2: 900μm tight buffer fiber
D	Connector Type	0: Without connector 1: FC/PC 2: FC/UPC 3: FC/APC 4: SC/PC 5: SC/UPC 6: SC/APC 7: ST 8: LC 9: MU X: Customized