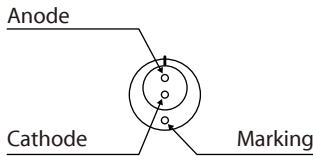
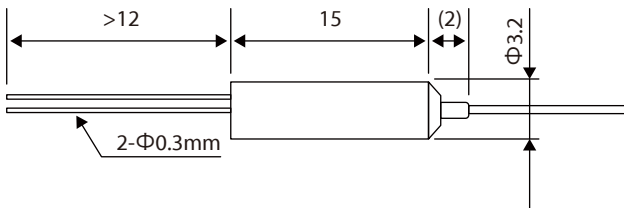


Miniature Fiber-pigtailed Photo Detector MPD-1

The MPD is an optical power monitoring device consisting of terminating photo detectors that are integrated with fiber inputs. The MPD is very compact and is easily mounted on PCB for system use. The MPD provides a simple and low cost solution for power monitoring at DWDM and amplifier systems.



Dimensions



[unit:mm]

Features

- ▶ High Quality (Telcordia GR-468-CORE Qualified)
- ▶ Excellent Characteristics
- ▶ Ultra Compact Design
- ▶ Minimum fiber bending radius of 5mm is available
- ▶ Short package available

Datasheet

Wavelength range	O-band	C or L band	Unit
PD sensitivity	> 700	> 850	mA/W
Dark current (@70°C, 5V bias)	< 2.0		nA
Reverse voltage	< 20		V
Forward current	< 10		mA
Bandwidth	Typ. 800		MHz
Return loss	> 40		dB
Operating Input Optical Power	< 5.0		dBm
Operating temperature range	-5 to +70		°C
Storage temperature range	-40 to +85		°C

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