



PDCM975/PDCS98 Coaxial Detector

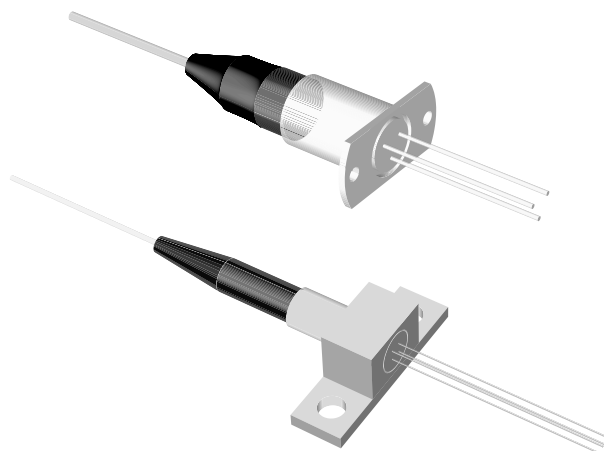
Nanovation's PDCM975/PDCS98 Coaxial Detector features high reliability and low capacitance. This transmitter is targeted toward PDH transmission systems and access network applications.

Features

- InGaAs planar PIN detector
- Fixed transimpedance, hybrid integrated circuit
- Response wavelength from 1100 to 1650nm
- 14 pin package with single (multi) mode FC connector

Applications

- PDH transmission systems and access network applications



Specifications (T=25°C)

PDCM975	MIN	MAX
PDCS98		
Detector responsivity (A/W, 1310nm, -5V)	0.8	
Capacitance (pf/-5V)		0.75
Detector dark current (nA/-5V)		1
Wavelength range (nm)	1100	1650
Bias voltage (V)	-5	0
Operating temperature (°C)	-40	+70
Storage temperature (°C)	-40	+85
Rise time (ns)	0.5	

Absolute Maximum Ratings

Fiber coupled power (mW)	3
Forward current (mA)	2
Reverse current (mA)	5
Reverse voltage (V)	10

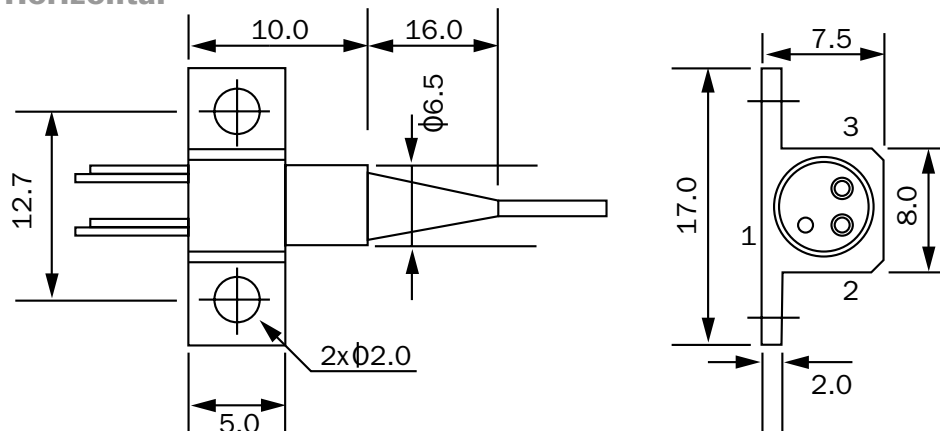


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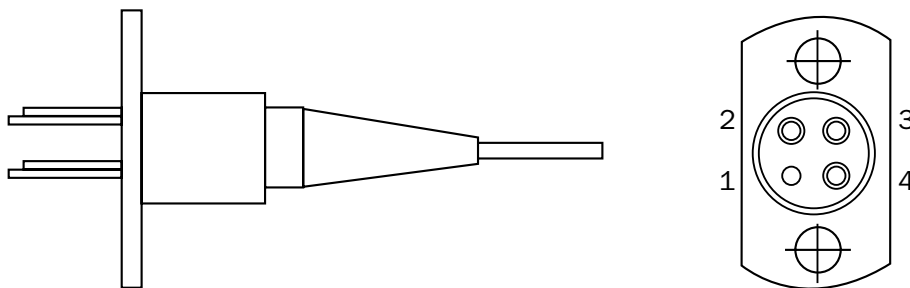
Mechanical Packaging Diagram (mm)

(All dimensions are in mm; drawings are not to scale.)

Horizontal



Vertical



Pin Information

Pin	Description
1	Case
2	N
3	P

To order or for additional information, please contact us at:

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 Web: www.nanovation.com

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