

275um Monitor-PD Pigtailed ROSA

WANNG16-P3

Features

- InGaAs/InP PIN photodiode with the planar structure
- Low dark current and high responsivity
- SMF with 1m length and LC/UPC connector for easy optical connection
- Applications : Optical receiver system

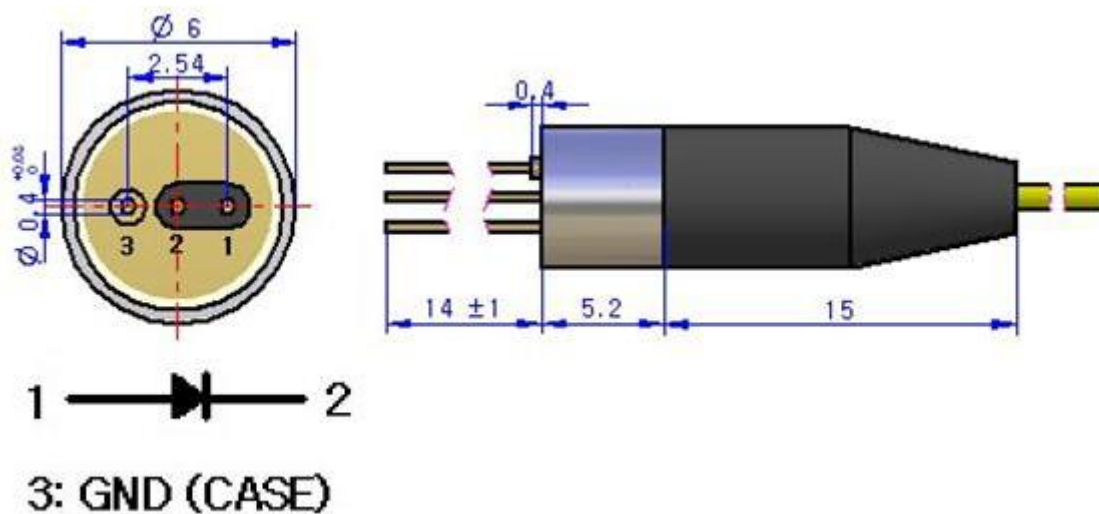
Absolute Maximum Ratings ($T_C=25^\circ\text{C}$, unless otherwise specified)

Parameters	Symbol	Rating		Unit
		Min	Max	
Reverse voltage	V_R	-	10	V
Reverse current	I_R	-	3	mA
Input optical power	P_{IN}	-	+5	dBm
Operating case temperature range	T_C	-40	+85	$^\circ\text{C}$
Storage temperature range	T_{STG}	-40	+85	$^\circ\text{C}$

Electro-Optical Characteristics ($T_C=25^\circ\text{C}$, unless otherwise specified)

Parameters	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Operating range	λ	-	1.0		1.65	μm
Dark current	I_d	$V_R=5\text{V}$		0.5	1	nA
Capacitance(chip)	C_{PD}	$V_R=5\text{V}$			10	pF
Responsivity	R	$V_R=5\text{V}$, 1550nm, -10dBm	0.9			A/W

Mechanical Dimension (unit: mm)



Ordering information

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Specifications described here are subject to change without notice