


InGaAs PIN Photodetectors

Wavespectrum Laser Inc.

<p>Features:</p> <ul style="list-style-type: none"> • Low noise, • Low dark current • Low terminal capacitance • Standard TO package, 	
<p>Applications:</p> <ul style="list-style-type: none"> • Power Meter • Optical communication 	

Absolute Maximum Ratings

PARAMETER	SYMBOL	VALUE	UNIT
Operating Temperature	T_{op}	-40~+85	°C
Storage Temperature	T_{stg}	-40 ~ +125	°C
Reverse Voltage	V_r	30	V
Lead Soldering Temperature(10 sec.)	T_{is}	260	°C

Detailed specification

Specifications	Testing condition	WSPD-InGaAs-2000-2	Unit
Sensitive Area	----	2000*2000	μm
Responsibility	=1310nm	≥ 0.85	A/W
	=1550nm	≥ 0.90	
Response Spectrum	-----	850~1650	nm
Dark Current (Typical)	$V_r=5V$	≤ 1	nA
Capacitance	$V_r=5V$	<80	PF
Saturation power(Typical)	$V_r=5V$	4	mW



Package size

