

1300/1550nm 10Gbps Gbps InGaAs PIN Photodiodes

Part number: **PY-CT11**

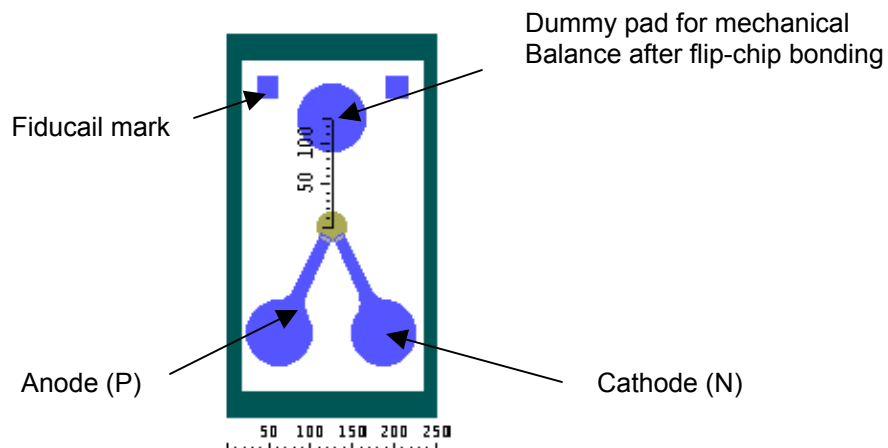
Characteristics (T=300K)

	Conditions	Min.	Typical	Max.	Unit	Notes
Bandwidth	-3 V	8.5	10.5		GHz	
Wavelength range		910	1310	1650	nm	
Responsivity		0.8	0.85	.95	A/W	@1310nm
Dark current	-3 V		3	10	nA	
Reverse breakdown	1 μ A	30			V	
Capacitance	- 3 V, 1 MHz		0.25	0.3	pF	
Rise/Fall time				30	ps	20%/80%

Physical

	Typical	Unit	Notes
Aperture (dia.)	35	μ m	
Bonding pads (dia.)	80	μ m	
Die height	150	μ m	
Die size	460x250	μ m ²	
Substrate	S.I. substrate		

Device layout [μ m]



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