

1300/1550nm InGaAs Monitoring PIN Photodiodes

Part number: **PY-CM11**

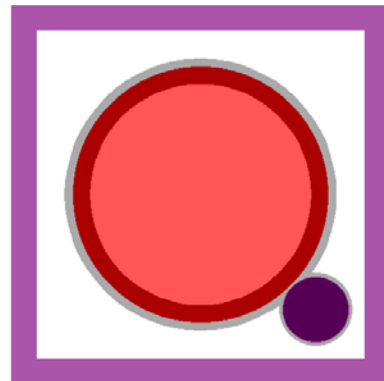
Characteristics (T=300K)

	Conditions	Min.	Typical	Max.	Unit	Notes
Wavelength range		910	1310	1650	nm	
Responsivity		0.8	0.85	.95	A/W	@1310nm
Dark current	-3 V			8	nA	
Reverse breakdown	1 μ A	30			V	
Capacitance	- 3 V, 1 MHz		5	10	pF	

Physical

	Typical	Unit	Notes
Aperture (dia.)	280	μ m	
Bonding pads (dia.)	80	μ m	
Die height	150	μ m	
Die size	460X460	μ m ²	
Substrate	n-type substrate		

Device performance (at T=300K) and layout [μ m]



AXT Inc.
 2019 Saturn Street
 Monterey Park, California 91754
 Tel: 1-323-278-0820
 Fax: 1-323-278-0096
 Email: VCSEL@axt.com
www.axt.com

PY-CM11 Rev. B