

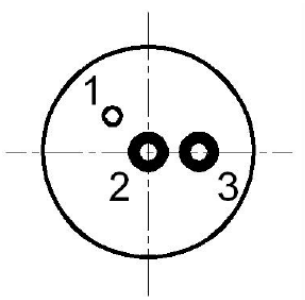
High Speed Photodiodes

1290 Oakmead Pkwy 230
Sunnyvale CA 94085 USA

Electrical and Optical Characteristics	Specifications
Spectral Response	0.9 to 1.6 μm
Photosensitivity	0.8 A/W at 1.31 μm
Dark Current	1.0nA at $V_R = 5\text{V}$
Cutoff Frequency	2GHz ($V_R = 5\text{V}$, $R_L = 50\Omega$, $\lambda = 1.06\mu\text{m}$ and -3dB)
Saturation Power	5 dBm ($V_R = 5\text{V}$ at 25°C)
Return Loss	65 dB (FC/APC connector)
Terminal Capacitance	0.75pf ($V_R = 5\text{V}$, $f = 1\text{MHz}$)
Mechanical	
Mount Type	FC/APC receptacle
Maximum Rating	
Reverse Voltage (V_R)	20 V
Operating Temperature Range (°C)	-40 to 85
Storage Temperature (°C)	-40 to 100



PIN assignment: (Bottom view)



PIN	Function
1(case)	ground
2	PD(+)
3	PD(-)