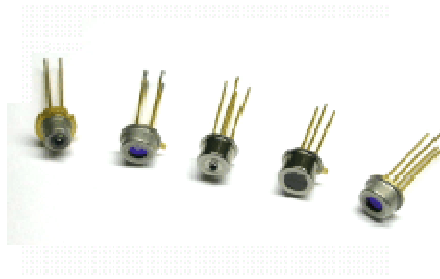
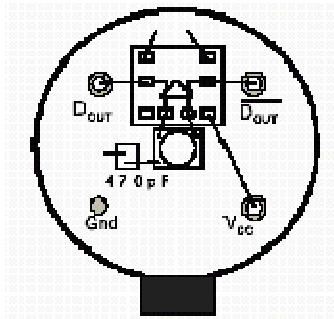


## InGaAs PIN Photodiode



InGaAs PIN PD is suitable for receiving the light wavelength range of 1100 to 1600nm. This photodiode features high efficiency, low dark current and low capacitance for high speed optical fiber communications. They operate at 1310nm or 1550nm wavelength band and various data rates from 155Mbps upto 2.5Gbps. They are hermetically sealed TO-46 package with lens cap or flat window cap. (Ta=25c)

Type No.	Active area [um]	Spectral response range [um]		Peak sensitivity wavelength [um]	Photo sensitivity S[A/W]				Dark current IDARK[nA]		3dB cut-off frequency f-3dB [GHz]	Terminal capacitance Ct[pF]		Test Condition [VR]
		Min	Max		1.3um		1.55um		Typ	Max		Min	Typ	
					Min	Type	Min	Type						
KPPB1 - LM622	70	0.9	1.7	1.55	0.8	0.9	0.85	0.9	0.2	2	1.2	1.3	1.8	5V
KPPF1 - LM622	70	0.9	1.7	1.55	0.8	0.9	0.85	0.95	0.2	2	1.2	1.3	1.8	5V
KPPB1 - LG125	50	0.9	1.7	1.55	0.8	0.9	0.85	0.9	0.1	1	2	1	1.3	5V
KPPF1 - LG125	40	0.9	1.7	1.55	0.8	0.9	0.85	0.9	0.1	1	2	1	1.3	5V

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