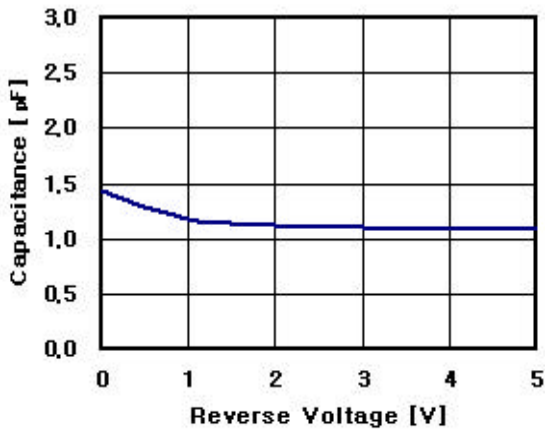


KPPF1-LG125

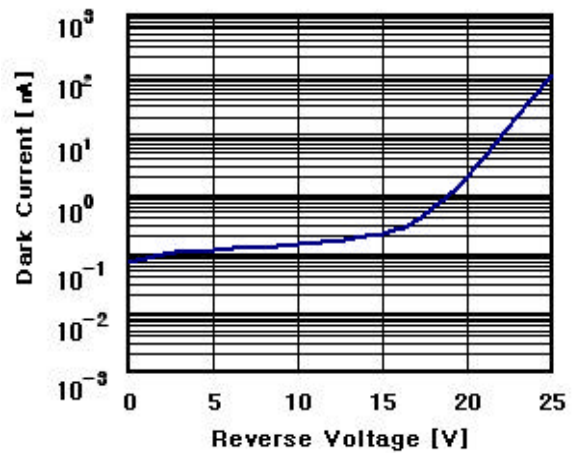
ELECTRO-OPTICAL CHARACTERISTICS

Parameter	Symbol	Min	Typ	Max	Unit	Test Conditions
Active area	-	-	50	-	μm	
Spectral response range		0.9	-	1.7	μm	
Peak sensitivity wavelength	λ_p		1.55		μm	
Photo sensitivity	$\lambda = 1.3\mu\text{m}$	0.8	0.9	-	A/W	$V_R=5V$
	$\lambda = 1.55\mu\text{m}$	0.85	0.95	-		
Dark current	I_{DARK}	-	0.1	1	nA	$V_R=5V$
3 dB cut-off frequency	$f_{-3\text{dB}}$	2.0			GHz	$V_R=5V, R_L=50$
Terminal capacitance	C_t	-	1.0	1.3	pF	$V_R=5V, f=1\text{MHz}$

C-V characteristics



Dark Current vs. Reverse Voltage



Dark Current vs. Operating Temperature

