

Silicon Photodiode

MODEL No. PD-150M

Metal Can + Lens Package

Ultra High Speed
Low dark Current
Narrow Angular Response



Absolute Maximum Ratings

Ta=25

Reverse Voltage	Power Dissipation	Operating Temp.	Storage Temp.
VR	PD	Topr	Tstg
(V)	(mW)	()	()
30	100	-30 ~ +100	-40 ~ +125

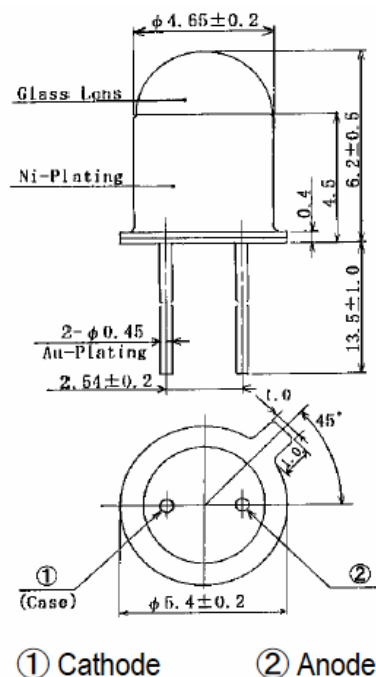
Electro-Optical Characteristics

Ta=25

Light Current	Dark Current	Sensitive Range	Peak sensitivity wavelength	Terminal Capacitance	Responsivity	Angular Response	Response Time
IL	Id	(nm)	λ_p	Ct	Rt	θ	Typ (nS)
Typ (μ A)	MAX. (nA)		TYP. (nm)	MAX. (pF)	Typ (A/W)	Typ (deg)	
VR=10V, (*)Ee=5mW/cm ²	VR=10V, RH<65%			VR=0V, f=1MHz	VR=0V, λ =900nm		RL=50 Ω VR=20V
120.00	5	400 ~ 1100	850	15	0.55	± 12	3.5

(*) Color Temperature=2870 ° K

External Dimension



* The data would be subject to be changed without notice.