

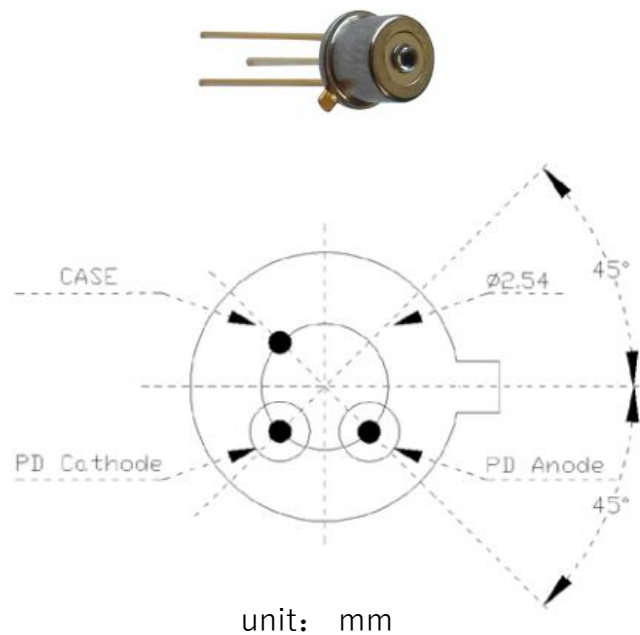
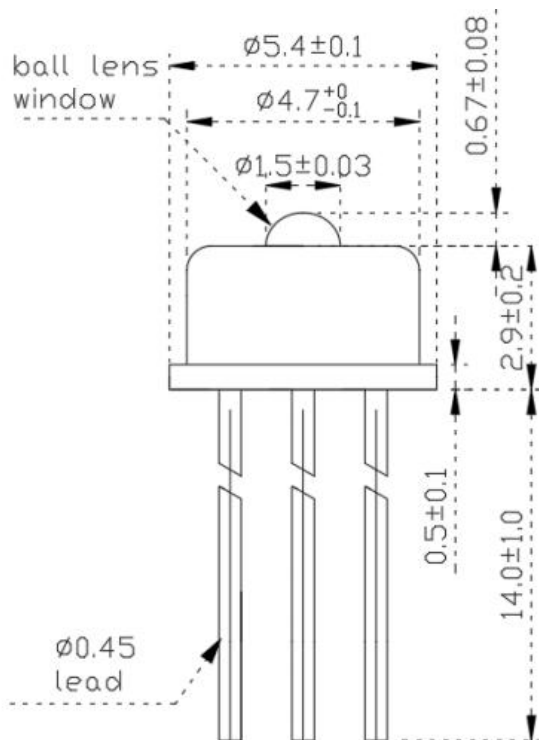
1201 Photodiode

PD3004

800 nm to 2100 nm InGaAs PIN Photodiode

Part No.	Photosurface (mm)	Response Wavelength (nm)	Responsivity (mA/mW@nm)	Dark Current (nA@V)	Capacitance (pF@V)	Rise Time (ns@V)
PD3004-1	Φ0.3	800 to 2100	0.23@850, -2 V 0.70@1310, -2 V 1.20@1850, -2 V 0.90@2100, -2 V	2@0 20@-2	90@0 18@-2	3@-2
PD3004-2	Φ0.5	800 to 2100	0.23@850, -1 V 0.70@1310, -1 V 1.20@1850, -1 V 0.90@2100, -1 V	4@0 50@-1	110@0 40@-1	6@-1
PD3004-3	Φ1	800 to 2100	0.23@850, -0.5 V 0.70@1310, -0.5 V 1.20@1850, -0.5 V 0.90@2100, -0.5 V	6@0 70@-0.5	1120@0 100@-2	15@-0.5

MECHANICAL DRAWING



Order notes to our customers: The default parameters are as follows. For special needs, please contact sales.

- 1) Connector FC/APC, 900 um, 1 m by default for all devices except for high power devices.
- 2) Slow axis working, fast axis blocked, connector key is aligned to slow axis by default for PM devices.