

1654nm 1000um PD (Big ball) TO-can datasheet

P/N : WIT3-1000BA

FEATURES

High responsivity
Low dark current
900-1740nm Spectral range

APPLICATIONS

Near-infrared sensing
Monitoring
Meter/Instruments

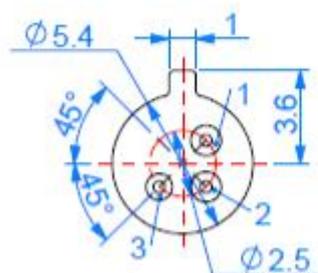
Electrical-Optical Characteristics(T=25°C)

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Responsivity	R	@1550nm	-	1.0	-	A/W
		@1650nm	-	1.0	-	A/W
Dark current	Id	VR=-5V	-	0.5	2.5	nA
Wavelength range	λ	-	900	1650	1740	nm
Active Area	ϕ	-	1000			um
Capacitance	C	VR=-5V,1MHz	-	55	65	pF

ABSOLUTE MAXIMUM RATING

Parameter	Symbol	Min	Typ	Max.	Unit
Operating Temperature	Top	-40	25	85	°C
Storage Temperature	Tstg	-40	-	120	°C
Reverse Breakdown Voltage	Vbr	20	38	60	V
Linear Saturated Power	VR=0V	-	4	-	mW
Soldering Temperature	Tsold	-	-	260/10	°C/s

Pin Connection Type & Outline Drawings



PD 引脚定义

