

1654nm InGaAs 1000um PD TO-can datasheet

P/N : WIT3-1000B3

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	@1654nm,VR=0V	0.9	1	-	A/W
Dark current	Id	VR=-5V			5	nA
Capacitance	C	VR=-5V, f=1MHZ		55	65	pF
Active Area	ϕ	-	995	1000	1005	um
Wavelength range	λ	-	900	1650	1740	nm

ABSOLUTE MAXIMUM RATING

Parameter	Symbol	Min	Max.	Unit
Operating Temperature	Top	-40	85	°C
Storage Temperature	Tstg	-40	125	°C
Forward current	IF	-	10	mA
Reverse voltage	VR	0	20	V

Package type :TO46

Pin Connection Type & Outline Drawings

Pin Connection Type	
PIN	Number
1	PD+
2	PD-
3	GND

