

1654nm 1000um PD TO-can datasheet

P/N: WIT3-1000B5

FEATURES :

High responsivity

Low dark current

900-1740nm Spectral range

APPLICATIONS :

Near-infrared sensing

Monitoring

Meter/Instruments

Electrical- Optical Characteristics(T =25℃)

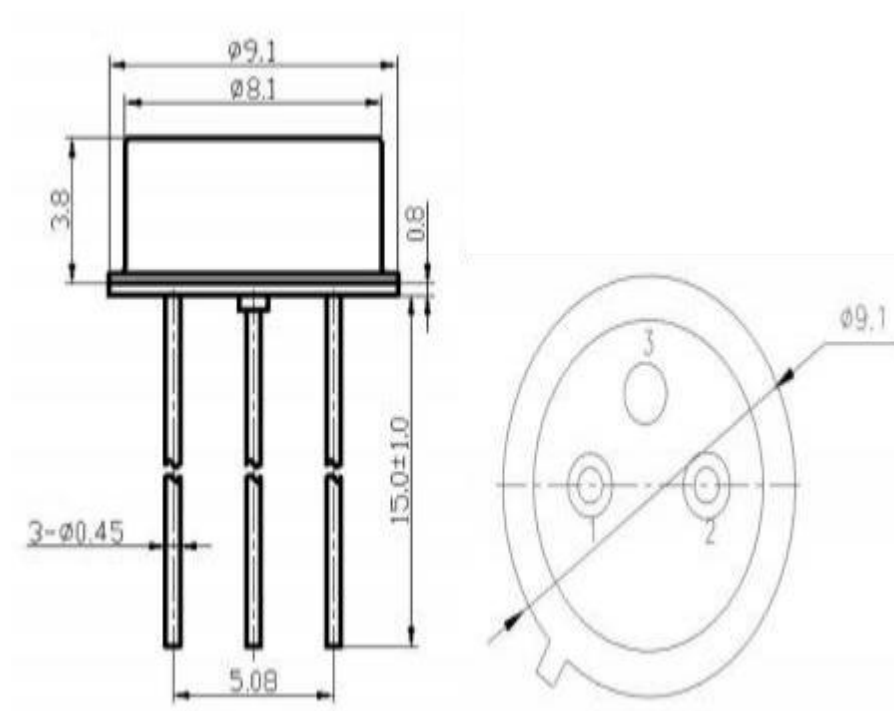
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Responsivity	R	$\lambda = 1654\text{nm}, -5\text{V}$	0.9	1		A/W
Dark current	I_d	$V_R = -5\text{V}$			2.5	nA
Capacitance	C	$V_R = -5\text{V}, f = 1\text{MHz}$		55	65	pF
Active Area	φ	-	995	1000	1005	um
Wavelength range	λ	-	900	1650	1740	nm

ABSOLUTE MAXIMUM RATING

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

Package type :TO5

Pin Connection Type & Outline Drawings



Pin Number	Name
1	PD+
2	PD-
3	GND