

2mm InGaAs PIN TO-can datasheet

P/N :WIT3-2000B

FEATURES

High responsivity
Low dark current
800-1740nm Spectral range

APPLICATIONS

Gas sensor
Optical sensor
Optical power meter
Industrial automatic control
Space light detect equipment
Response spectrum testing

ABSOLUTE MAXIMUM RATING

Parameter	Symbol	Unit	Min.	Max.
Operating temperature	TSTG	°C	-40	85
Storage temperature	TC	°C	-40	85
Soldering temperature(time)	TL	°C		260/10sec
Reverse voltage	VCC	V		4

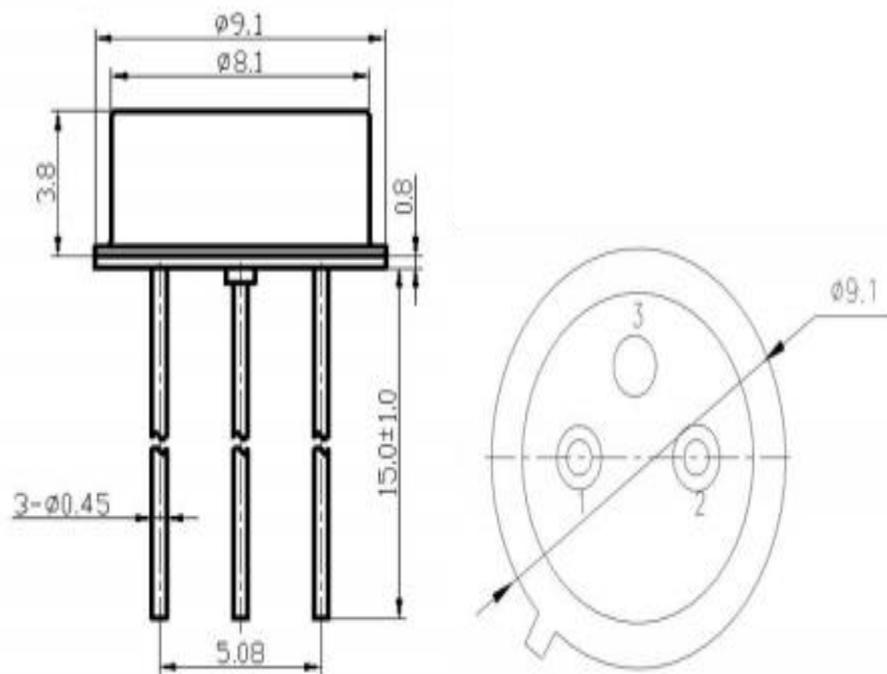
Electrical-Optical Characteristics(T =25°C)

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Active diameter	D	-	-	2000	-	um
Responsivity	R	$\lambda = 1310\text{nm}$	0.8	0.85	-	A/W
		$\lambda = 1550\text{nm}$	0.8	0.90	-	A/W
Dark current	ID	VBR=-5V	-		20	nA
Spectral range	λ	-	800	-	1740	nm
Capacitance	C	VBR=-5V		160	230	PF

NOTICE

The suitable ESD protecting measures are recommended in storage, transporting and using.

Pin Connection Type & Outline Drawings :



Pin Number	Name
1	PD+
2	PD-
3	GND