

2mm InGaAs PIN TO-can datasheet

P/N :WIT3-2000L

FEATURES :

High responsivity
Low dark current
900-1740nm Spectral range

APPLICATIONS :

Gas sensor
Optical sensor
Optical power meter
Industrial automatic control
Space light detection
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

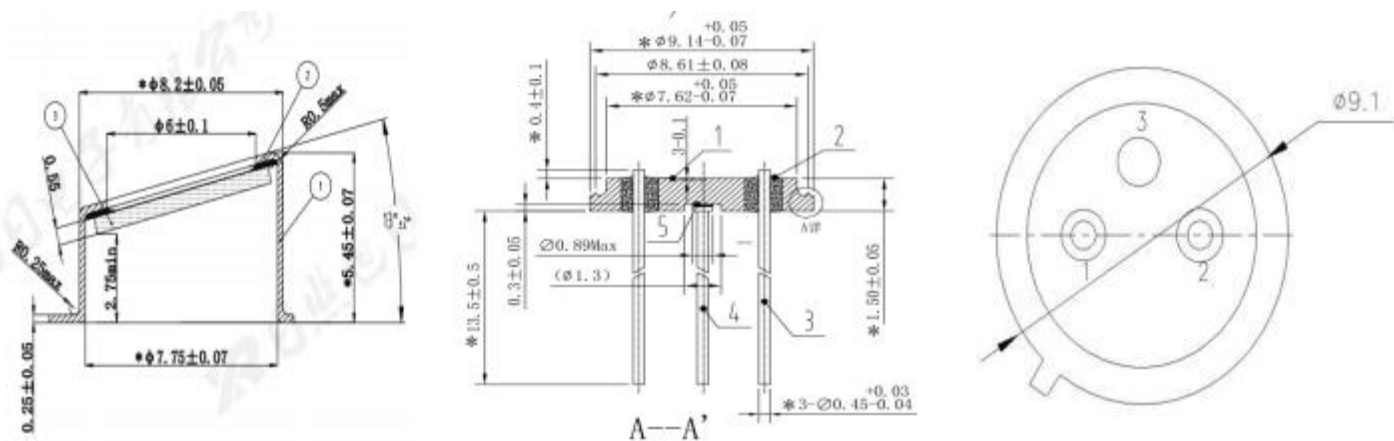
Electrical-Optical Characteristics (T =25°C):

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Active diameter	D	-	-	2000	-	um
Responsivity	R	$\lambda=1653\text{nm}$	0.9	0.95	-	A/W
Dark current	ID	VBR=-5V	-		20	nA
Spectral range	λ	-	900	-	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