

2600nm InGaAs 1000um PD TO-can datasheet

P/N : WIT5-1000G

FEATURES

High responsivity
Low dark current
900-2600nm Spectral range

APPLICATIONS

CO Gas sensor
Optical sensor
Optical power meter
Response specturm testing

ABSOLUTE MAXIMUM RATING

Parameter	Symbol	Unit	Min.	Max.
Operating temperature	T _{STG}	°C	-40	85
Storage temperature	T _C	°C	-40	85
Soldering temperature(time)	T _L	°C		260/10sec

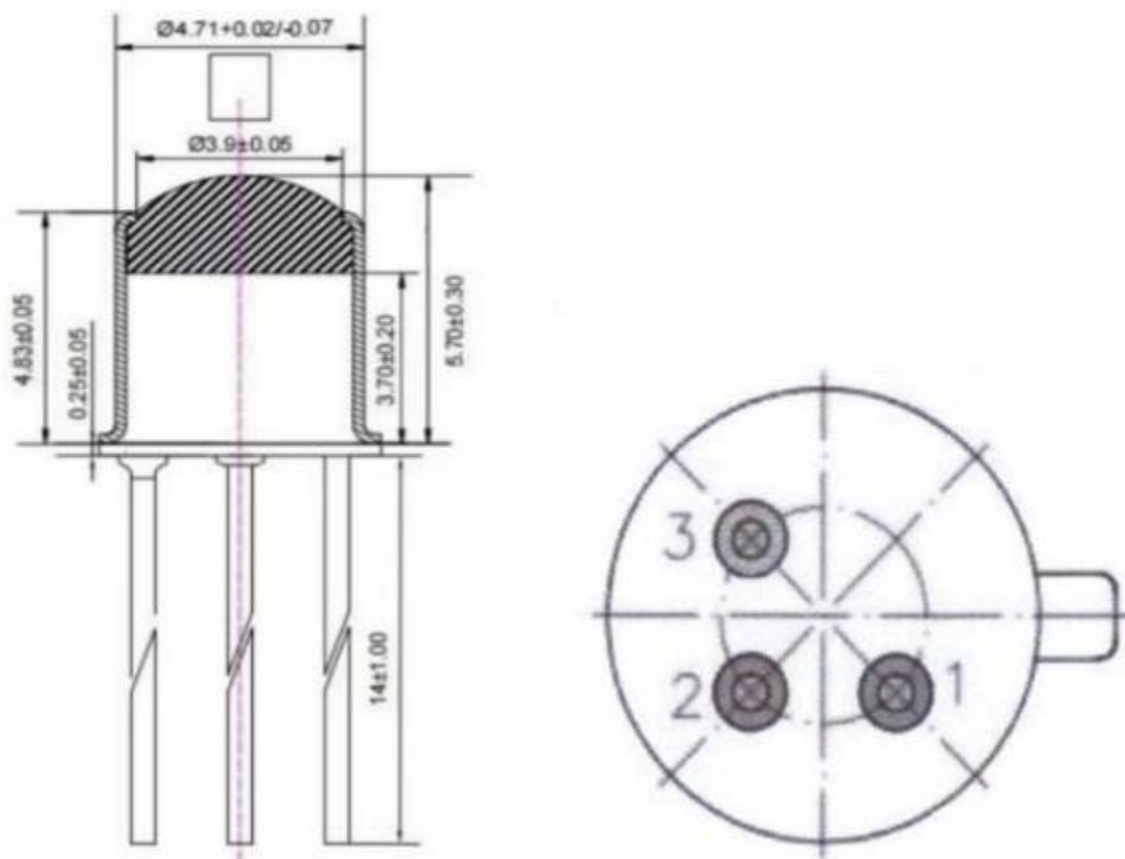
Electrical-Optical Characteristics(T = 25°C)

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Active diameter	D	-	995	1000	1005	um
Responsivity	R	V _r = 0V, @2300 nm	0.9	1.0	-	A/W
Dark current	I _D	V _r = -0.5V	-	-	50	uA
Spectral range	λ	-	900	2330	2600	nm
Capactiance	C	V _r = 0V, f = 1MHz		440	1000	PF

NOTICE:

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

Pin Connection Type & Outline Drawings :



Pin Number	Name
1	PD+
2	PD-
3	GND