

1654nm 500um PD TO-can datasheet

P/N : WIT3-500E

FEATURES

High responsivity
Low dark current
900-1740nm Spectral range

APPLICATIONS

CH₄ Gas sensor

ABSOLUTE MAXIMUM RATING

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

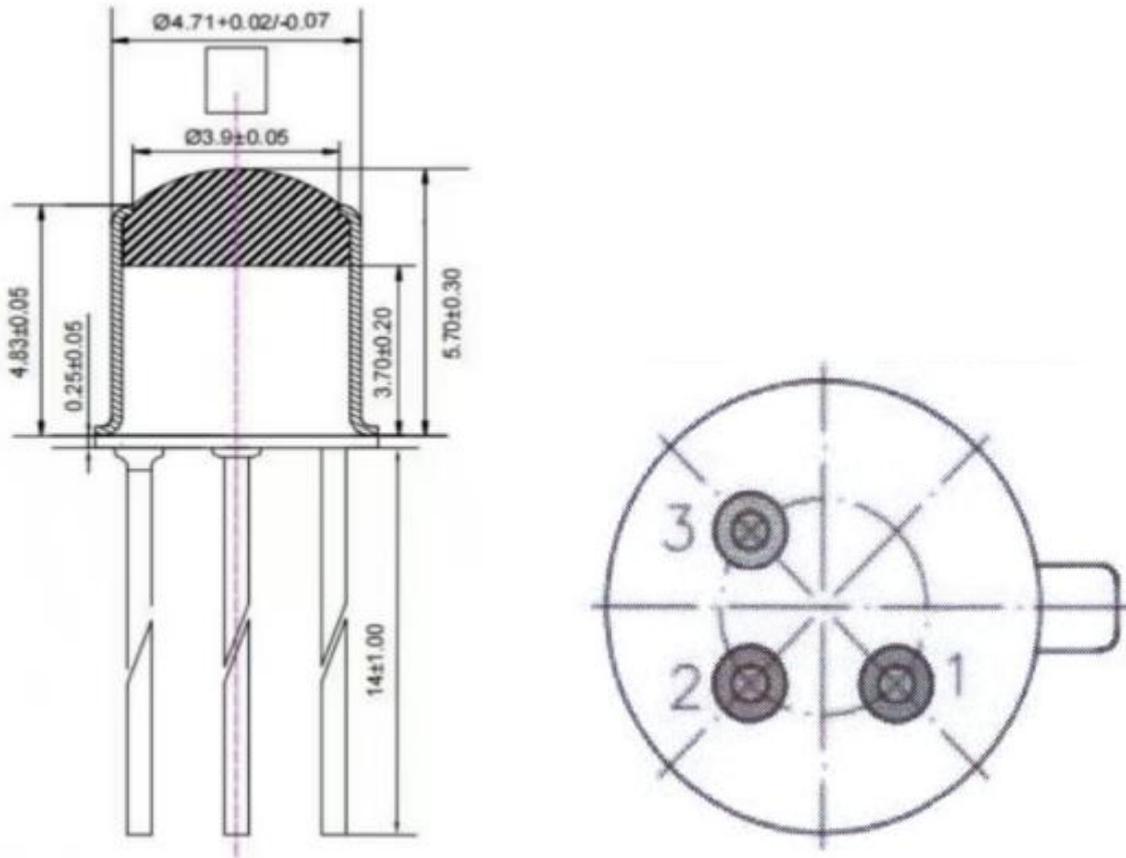
Electrical-Optical Characteristics(T=25°C)

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Active diameter	D	-	498	500	502	um
Dark current	ID	VBR=-5V	-	0.2	1	nA
Wavelength range	λ	-	900	1650	1740	nm
Responsivity	R	λ=1654nm	0.9	0.95		A/W
Capacitance	C	VBR=-5V		15	25	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