

760nm SI PD TO-can datasheet

P/N : WST9-05G

FEATURES

High responsivity
Low dark current
430-1100nm Spectral range

APPLICATIONS

O₂ Gas sensor

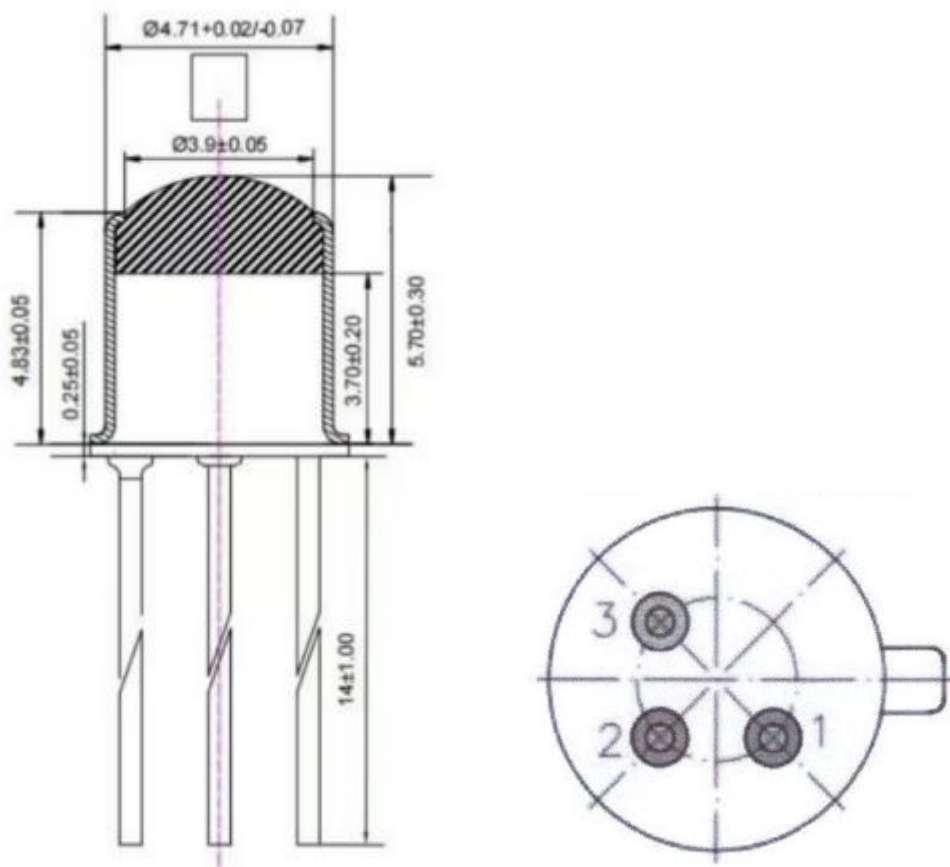
ABSOLUTE MAXIMUM RATING

Parameter	Symbol	Min	Max.	Unit
Operating temperature	TSTG	°C	-40	125
Storage temperature	TC	°C	-40	85
Soldering temperature(time)	TL	°C		260/10sec

Electro-Optical Characteristics (@ Ta =25 °C)

Parameter	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Forward Voltage	Vf	If=10mA	0.5		1.3	V
Reverse Voltage	Vbr	Ir=100μA	60			V
Reverse Dark Current	Id	Vr=10V			10	nA
Responsivity	R			0.5		A/W
Sensitive Wavelength Range	λ		430	760	1100	nm
Capacitance	Cj	VR=3V, H=0, F=1MHz		9		pF

Pin Connection Type & Outline Drawings :



Pin Number	Name
1	PD+
2	PD-
3	GND