

760nm SI PD TO-can(AG) datasheet

P/N: WST9-05B

FEATURES

High responsivity

Low dark current

430-1100nm Spectral range

APPLICATIONS

O₂ Gas sensor

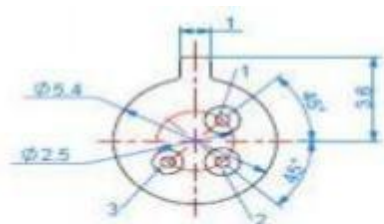
ABSOLUTE MAXIMUM RATING

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 :



PD 引脚定义

