

# 3mm Silicon PIN TO-can datasheet

P/N :WST9-07B

C/N:WS97-01C

## FEATURES

High responsivity

Low dark current

400-1100nm Spectral range

## APPLICATIONS

General industrial measurement

X-ray test equipment

## ABSOLUTE MAXIMUM RATING

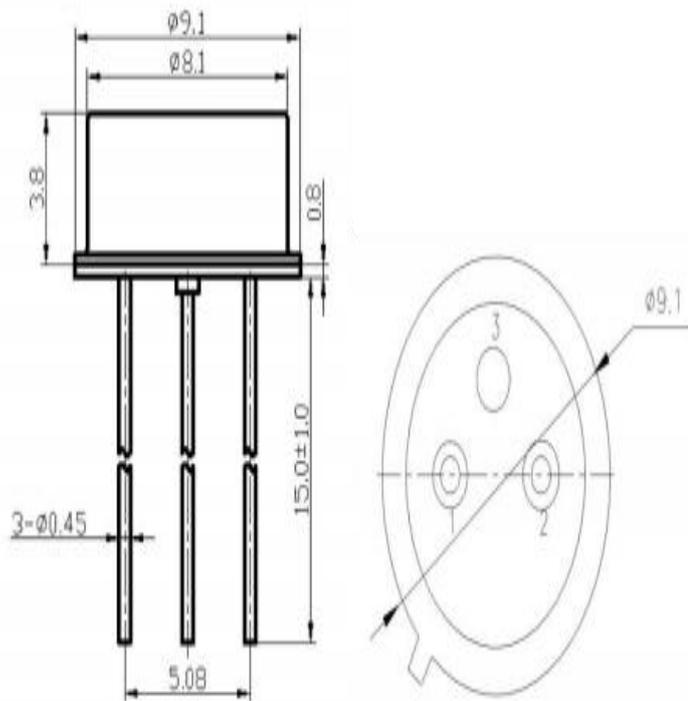
Parameter	Symbol	Unit	Min.	Max.
Operating temperature	TSTG	°C	-40	85
Storage temperature	TC	°C	-40	85
Soldering temperature(time)	TL	°C	-	260/10sec
Reverse voltage	VCC	V	35	-

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

Parameter	Symbol	Test Conditions	Min.	Typ.	Max.	Unit
Active diameter	D	-	-	3000	-	um
Responsivity	R	$\lambda = 760\text{nm}$	-	0.5	-	A/W
Dark current	ID	Vr=10V	-	-	10	nA
Spectral range	$\lambda$	-	400	940	1100	nm
Capactiance	C	VR=3V, f=1MHz	-	23	-	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