

1.27mm Silicon PIN TO-can datasheet

P/N :WST9-0DB

FEATURES

High responsivity
Low dark current
400-1100nm Spectral range

APPLICATIONS

Optical sensor and optical power meter
Industrial automatic control
Laser finding range and laser radar

ABSOLUTE MAXIMUM RATING

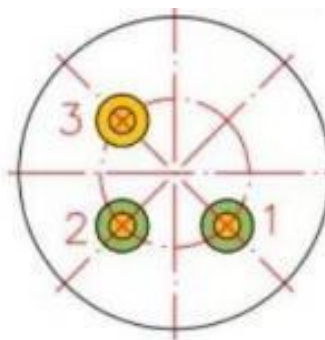
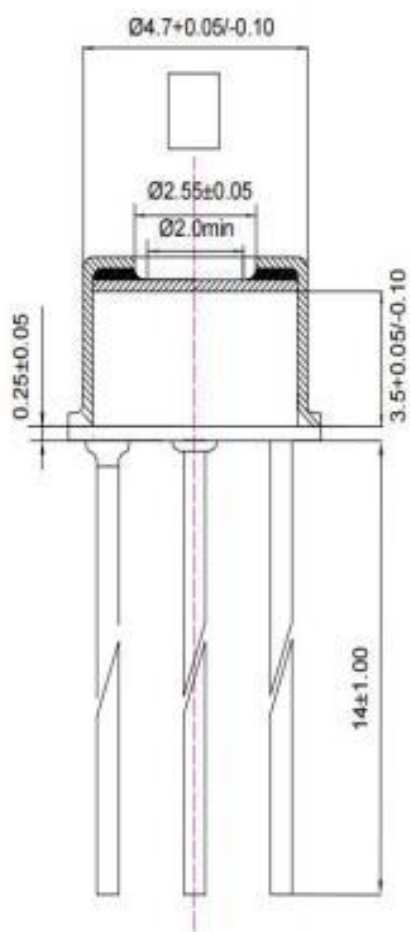
Parameter	Symbol	Unit	Min.	Max.
Operating temperature	TSTG	°C	-40	125
Storage temperature	TC	°C	-40	85
Soldering temperature(time)	TL	°C	-	260/10sec

Electrical-Optical Characteristics(T = 25°C)

Parameter	Symbol	Test Conditions	Min.	Typ.	Max.	Unit
Active diameter	D	-	-	1016	-	um
Responsivity	R	$\lambda = 650\text{nm}$	-	0.35	-	A/W
Dark current	ID	Vr=10V	-	-	10	nA
Spectral range	λ	-	400	940	1100	nm
Capactiance	C	VR=3V, f=1MHz	-	11	-	PF

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

Pin Connection Type & Outline Drawings :



Pin Connection Type	
PIN	Number
1	PD+
2	PD-
3	GND