

# 1654nm InGaAs 200um PD TO-can datasheet

P/N : WIMT-01A

## FEATURES

High responsivity  
Low dark current  
900-1740nm Spectral range

## APPLICATIONS

Near-infrared sensing  
Monitoring  
Meter/Instruments

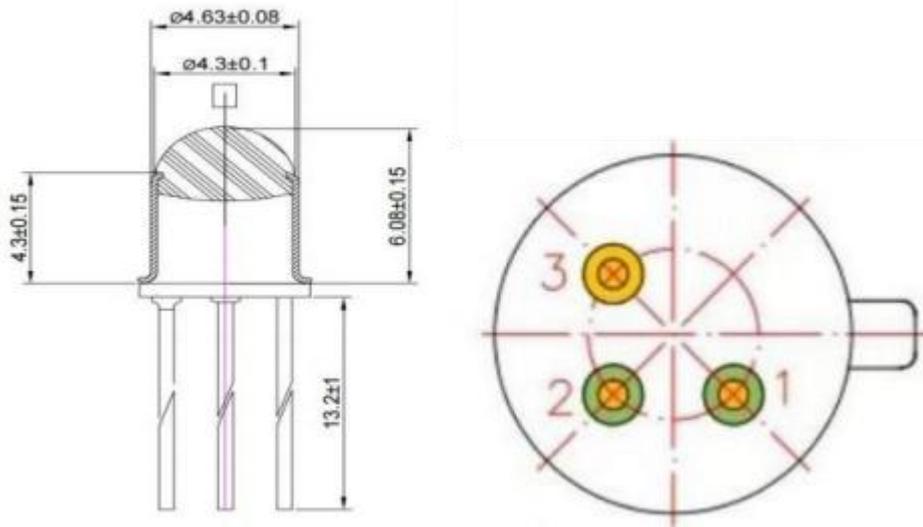
## Electrical-Optical Characteristics( T = 25°C )

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Dark current	Id	VR=-1V	-	-	1	nA
Reverse Breakdown	Vbr	Ir=-1μA	30	40	-	V
Capacitance	C	VR=-3V,1MHz	-	3	5	pF
Responsivity	R	@1654nm,VR=0V	0.9	0.95	-	A/W
Wavelength range	λ	-	900	1650	1740	nm

## ABSOLUTE MAXIMUM RATING

Parameter	Symbol	Min	Max.	Unit
Operating Temperature	Top	-10	60	°C
Storage Temperature	Tstg	-40	125	°C
Forward current	If	-	10	mA

## Pin Connection Type & Outline Drawings



pin connection Type	
PIN	Number
1	PD+
2	PD-
3	GND