

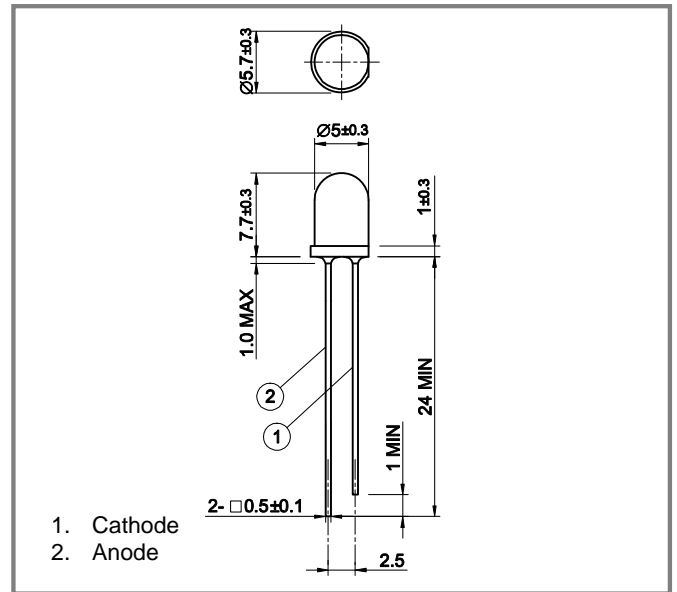
**Features**

- NIR sensitive up to 1700nm
- Plastic mold package
- Various package option (Ceramic, Metal stem, TO-CAN)

**Applications**

- Optical switches
- Sensors and industrial controls

**Dimensions (unit: mm)**



**Absolute Maximum Ratings**

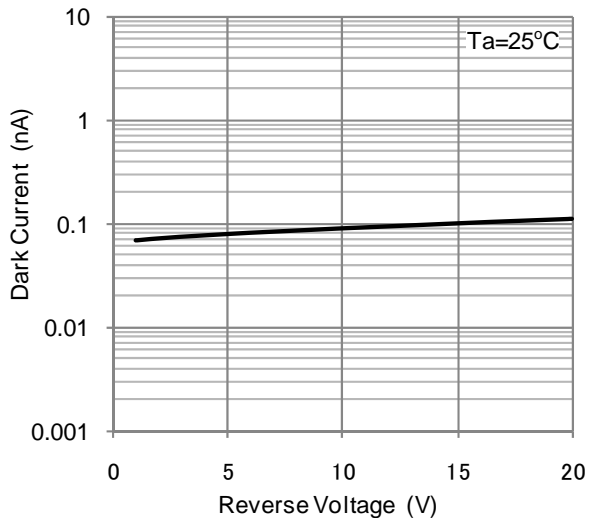
Parameter	Symbol	Value	Unit	Note
Reverse voltage	$V_R$	20	V	
Reverse current	$I_R$	500	$\mu A$	
Forward current	$I_F$	50	mA	
Operating temperature	$T_{opr}$	-20 to +85	$^{\circ}C$	Avoid dew condensation
Storage temperature	$T_{stg}$	-30 to +100	$^{\circ}C$	Avoid dew condensation

**Electrical and Optical Characteristics (Ta=25 °C unless otherwise noted)**

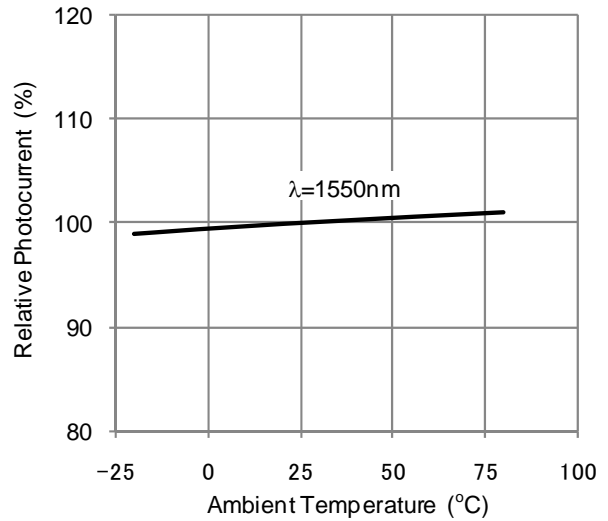
Parameter	Symbol	Min.	Typ.	Max	Unit	Test Conditions
Active diameter	$\phi$	$\phi$ 0.3			mm	
Sensitive wavelength	$\lambda$	900	1550 ( $\lambda_p$ )	1700	nm	$\lambda_p$ =Peak wavelength
Responsivity	R	-	0.9	-	A/W	$\lambda$ =1550nm
Dark current	$I_D$	-	-	1	nA	$V_R$ =5V
Terminal capacitance	$C_t$	-	4	6	pF	$V_R$ =5V, f=1MHz

Specifications are subject to change without notice.

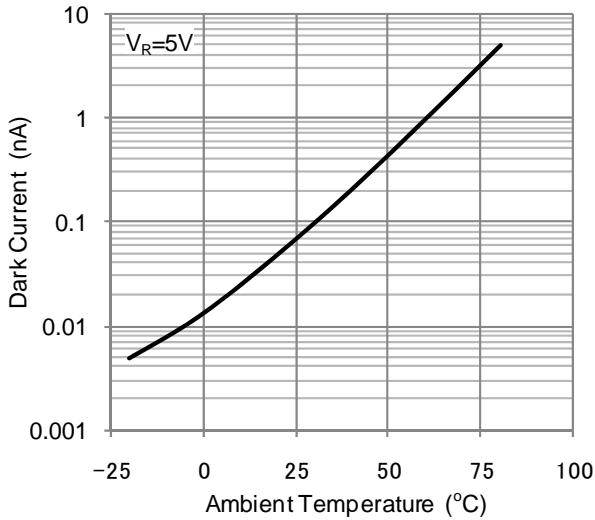
**Dark Current - Reverse Voltage**



**Photocurrent - Ambient Temperature**



**Dark Current - Ambient Temperature**



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**Contacts:**

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