

Features

- Small size edge illuminated type
- Suitable for monitoring LD powers in the small form factors

Application

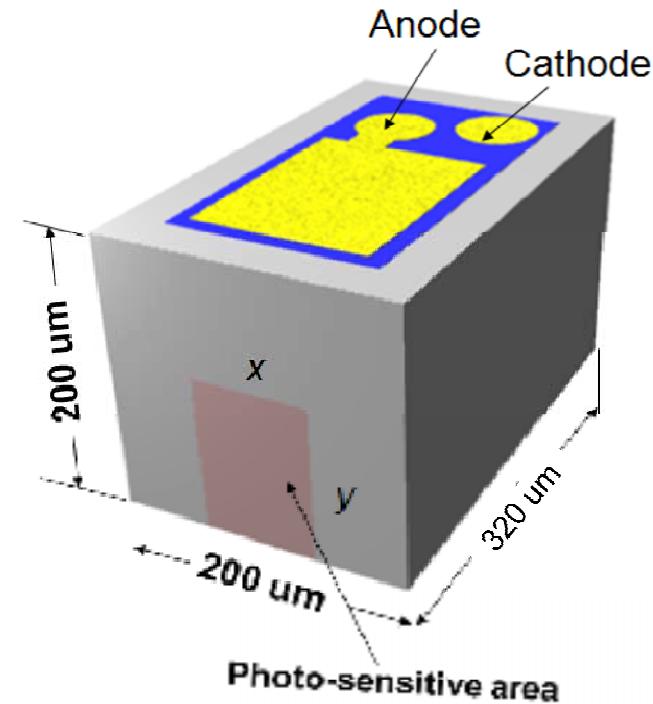
- Laser back light power monitor
- FTTH digital optical communication

Characteristics

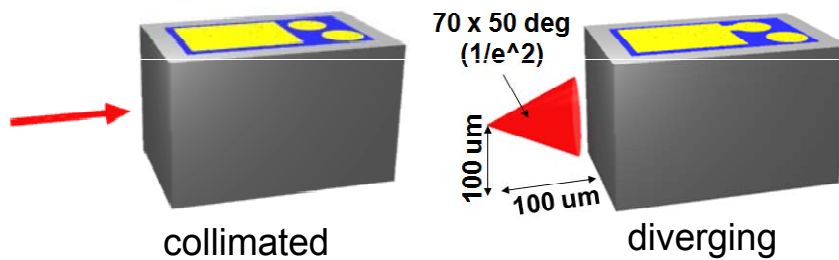
L=320um

Parameter	Unit	Min.	Typ.	Max.	Conditions
Dark current	nA			10	Vr=5V
Responsivity	A/W		0.8		$\lambda=1550\text{nm}$, Pin=0dBm collimated beam
			(0.3)		$\lambda=1550\text{nm}$, Pin=0dBm diverging beam
Capacitance	pF		1.8		Vr=5V, f=1MHz
Bandwidth	GHz		1.5		Vr=5V, RL=50 Ω , $\lambda=1550\text{nm}$

Structure



(x, y)=(60, 100) um



Configuration for measurement of Responsivity

Availability: ES Now