

Features

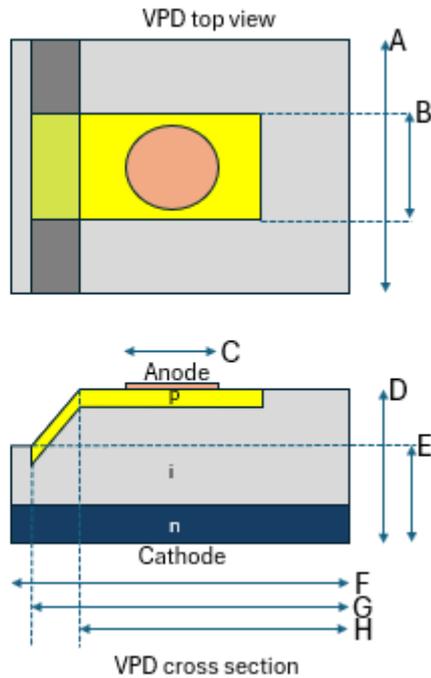
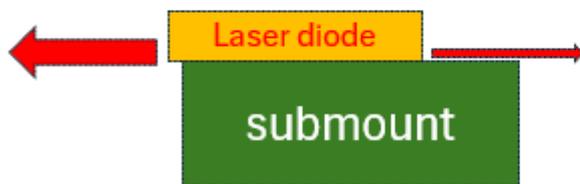
1. Photo-diode with 54.5° tilted active area
2. Compact dimension for planar package

Applications

1. Monitoring output power of laser diode
2. Light sensing

External dimensions(Unit : μm)

unit: μm
 tolerance: +/- 15
 A : 420 E : 180
 B : 200 F : 550
 C : 130 G : 525
 D : 280 H : 450
 metalization
 Anode: Al
 cathode: Pt



Absolute Maximum Ratings

Parameter	Symbol	Rating	Unit
Reverse Breakdown Voltage (Tc=25°C)	BV _R	30	V
Junction Temperature	T _j	150	°C

Electrical and Optical Characteristics(Tc=25°C)

Parameter	Symbol	Condition	Min.	Typ.	Max.	Unit
Junction Capacitance	C	V=0, f=1MHz		4		pF
Spectrum Sensitivity	λ	-	450		1050	nm
Peak Sensing Wavelength	λ _p	-		650		nm
Forward Voltage	V _F	I _f =10mA			1.3	V
Dark current	I _D	V _R =10V		3	10	nA
Reverse breakdown volgate	BV _R	I _R =10μA	30			V



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