

Dioda laser, 980nm, 50mW, diametru 5.6mm

coduri de produs:

Referință: AM4872

EAN13: -

UPC: 90132000



Caracteristicile produsului:

Culoarea luminii: Infraroșu

Lungime de undă: 980 nm

Tensiune: 1,6-2,1 V DC

Performanță: 50 mW

Locuințe: TO-18

Acoperi: IP20

Durata de viata: 5.000 de ore

Atributele produsului:

Descriere produs:

Dioda laser cu o lungime de unda de 980nm si o putere de 10mW.

lungime de unda 980 nm

tensiune 1,6-2,1V

tensiune inversă 2V

curent 78-82mA

grad de protectie IP20

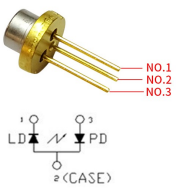
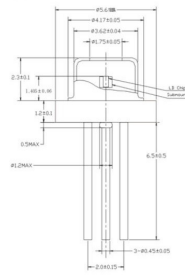
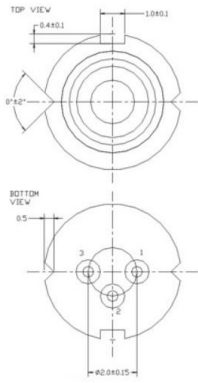
temperatura de lucru -10 - 50 °C

dimensiune 5,6x5,6x 10 mm

pret pentru 1 bucata

Conexiune pin: pin nr 2 (carcasa) = ANOD, pin nr 1 = catod LD, pin nr 3 = anod PD

Galerie de produse:



■ Electrical and optical Characteristics (25°C)					
Parameter	Symbol	Condition	Min.	Max.	Unit
Threshold Current	I_{th}		10	20	mA
Operating Current	I_{op}	Per-Device	1	75	mA
Operating Voltage	V_{op}	Per-Device	1.4	2.2	V
Power	P_{out}	Per-Device	0.5	0.8	mW
Efficiency	η	Per-Device	0.5	0.4	%
Relative Current	I_{rel}	Per-Device	1	1.2	mA
Power to upper package	P_{up}	Per-Device	1	1.2	mA
Power to lower package	P_{down}	Per-Device	1	1.2	mA
Power to center package	P_{center}	Per-Device	1	1.2	mA
Power to side package	P_{side}	Per-Device	1	1.2	mA
Power to bottom package	P_{bottom}	Per-Device	1	1.2	mA
Power to top package	P_{top}	Per-Device	1	1.2	mA
Power to left package	P_{left}	Per-Device	1	1.2	mA
Power to right package	P_{right}	Per-Device	1	1.2	mA
Power to front package	P_{front}	Per-Device	1	1.2	mA
Power to back package	P_{back}	Per-Device	1	1.2	mA

■ Electrical and optical Characteristics (25°C)					
Parameter	Symbol	Rating	Unit	Typ.	Min.
Wavelength	λ	635nm	nm		
Light Output	P_{out}	0.5mW	mW		
Package Type		TO-18 (4-Lead)			