

Diodă laser, 650nm, 5mW, diametru 5.6mm

Referință: AM5734

EAN13: -

UPC: 90132000



Atributele produsului:

Caracteristicile produsului:

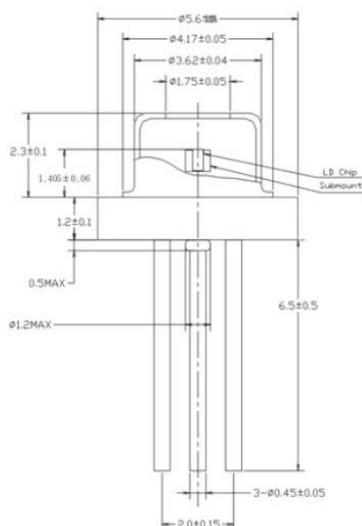
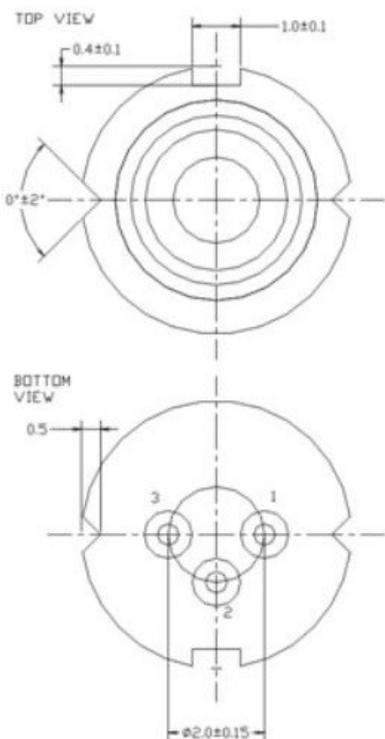
Culoarea luminii: Roșu
Lungime de undă: 650 nm
Tensiune: 2,2-2,7 V DC
Performanță: 5 mW
Locuințe: TO-18
Acoperi: IP20
Durata de viața: 5.000 de ore

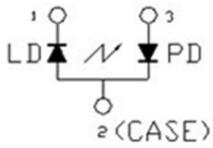
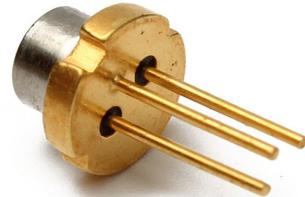
Descriere produs:

Diodă laser cu lungimea de undă 650nm și putere 5mW.

lungime de undă 650nm
tensiune 2,2-2,6V
tensiune inversă 2V
curent 28-38mA
grad de protecție IP20
temperatură de lucru -10 - 50 °C
dimensiuni 5,6x5,6x 10 mm
preț pentru 1 buc

conexiune pin: pin nr.2 (caz)=ANOD, pinul nr.1=LD catod, pinul nr.3=PD anod





◆ ABSOLUTE MAXIMUM RATING at Tc=25°C

Items	Symbols	Values	Unit
Optical Output Power	P	7	mW
Laser Diode Reverse Voltage	V	2	V
Photo Diode Reverse Voltage	V	30	V
Operating Temperature	T _{opr}	-10 ~ +50	°C
Storage Temperature	T _{stg}	-40 ~ +85	°C

◆ ELECTRICAL and OPTICAL CHARACTERISTICS at Tc=25°C

Items	Symbols	Min.	Typ.	Max.	Unit	Condition
Optical Output Power	P _o	-	5	-	mW	-
Threshold Current	I _{th}	-	17	30	mA	-
Operating Current	I _{op}	-	24	35	mA	P _o =5mW
Operating Voltage	V _{op}	-	2.2	2.6	V	P _o =5mW
Lasing Wavelength	λ _p	650	655	660	nm	P _o =5mW
Beam Divergence	θ	6	9	12	deg	P _o =5mW
	θ _⊥	22	29	38	deg	P _o =5mW
Beam Angle	Δθ	-	-	±1.5	deg	P _o =5mW
	Δθ _⊥	-	-	±2.5	deg	P _o =5mW
Monitor Current	I _m	0.1	0.2	0.5	mA	P _o =5mW
Optical Distance	ΔX, ΔY, ΔZ	-	-	±80	μm	-