

Laserdiod, 650nm, 5mW, diameter 5.6mm

Produktkod: AM5734

EAN13: -

HS-kod: 90132000

Produktvarianter:

Produktparametrar:

Ljusets färg: Röd

Våglängd: 650 nm

Spänning: 2,2-2,7 V DC

Prestanda: 5 mW

Fall: TO-18

Täckning: IP20

Livstid: 5 000 timmar



Produktbeskrivning:

Laserdiod med våglängd 650nm och effekt 5mW.

våglängd 650nm

spänning 2.2-2.6V

omvänd spänning 2V

ström 28-38mA

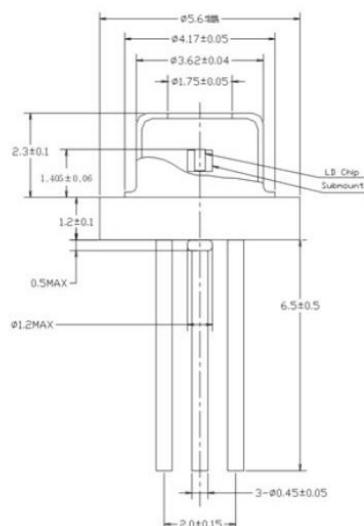
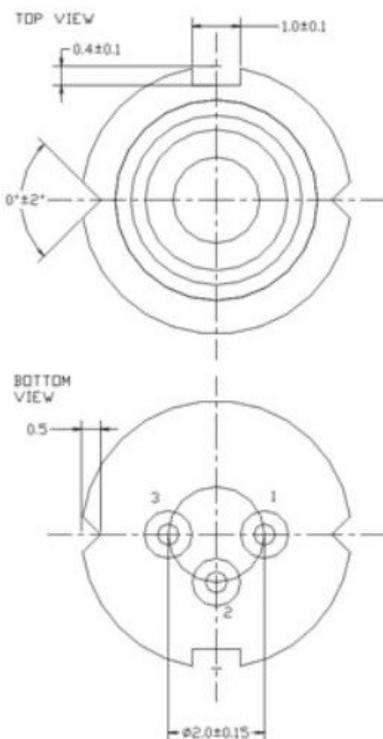
skyddsgrad IP20

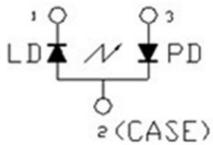
arbetstemperatur -10 - 50 °C

storlek 5.6x5.6x 10 mm

pris för 1 st

stiftanslutning: stift nr.2 (fall)=ANODE, stift nr.1=LD katod, stift 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	-