

Lézer dióda, 635 nm, 20 mW, átmérő 5,6 mm

Termékkód: AM8989

EAN13: -

HS kód: 90132000

Termékjellemzők:

A termék jellemzői:

Hullámhossz: 635-640 nm

Ház: TO-18

Borító: IP20

Termékleírás:

Lézerdióda 635nm hullámhosszal és 20mW teljesítménnyel.

hullámhossz 635 nm

feszültség 2,3-2,6V

fordított feszültség 10V

áram 75-85mA

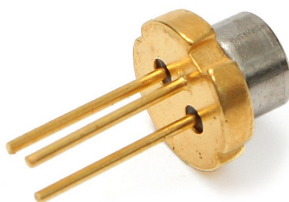
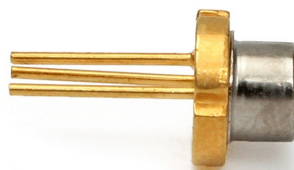
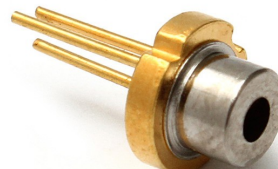
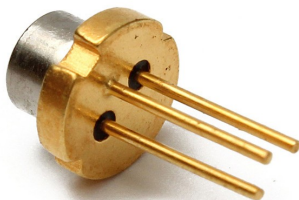
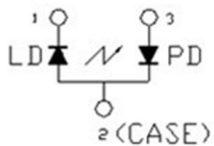
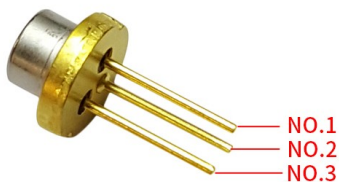
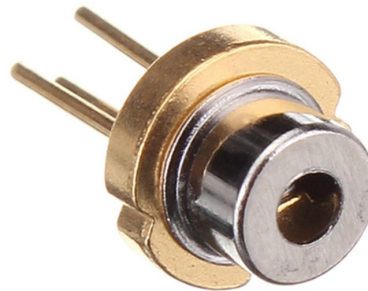
védelmi fokozat IP20

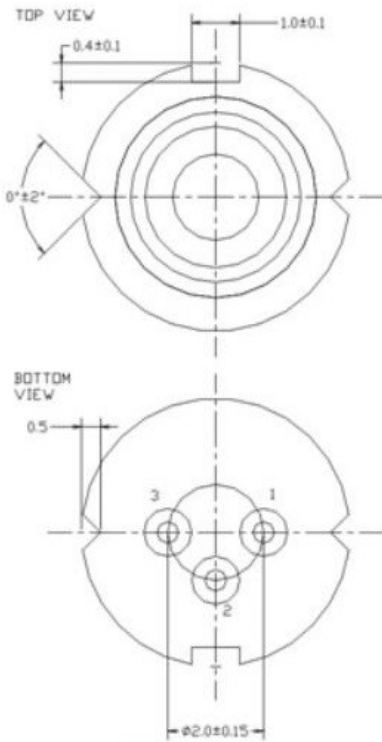
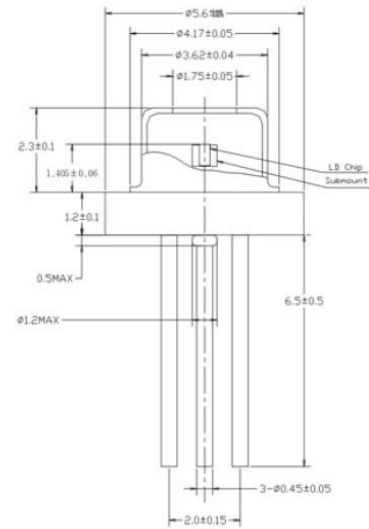
üzemi hőmérséklet -10 - 50 °C

mérete 5,6x5,6x10 mm

ár 1 db

Pin kiosztás: 2. érintkező, 1. érintkező = 3. érintkező





◆ ABSOLUTE MAXIMUM RATING at Tc=25 °C

Items	Symbols	Values	Unit
Optical Output Power	P	22	mW
Laser Diode Reverse Voltage	V	10	V
Photo Diode Reverse Voltage	V	30	V
Operating Temperature	T _{op}	-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	-	20	-	mW	-
Threshold Current	I _{th}	-	50	60	mA	-
Operating Current	I _{op}	-	75	85	mA	Po=20mW
Operating Voltage	V _{op}	-	2.3	2.6	V	Po=20mW
Slope Efficiency	η_s	0.4	0.7	1.0	mW/mA	Po=20mW
Lasing Wavelength	λ_p	634	639	644	nm	Po=20mW
Beam Divergence	θ_d	6	9	12	deg	Po=20mW
	θ_z	25	30	35	deg	Po=20mW
Beam Angle	$\Delta\theta_t$	-3	-	3	deg	Po=20mW
	$\Delta\theta_z$	-3	-	3	deg	Po=20mW
Monitor Current	I _m	0.1	0.2	0.4	mA	Po=20mW
Optical Distance	$\Delta X, \Delta Y, \Delta Z$	-	-	± 60	um	-