

Laserdiod, 635nm, 5mW, diameter 5.6mm

Produktkoder:

Produktkod: AM8180

EAN13: -

HS-kod: 90132000

Produktparametrar:

Ljusets färg: Röd

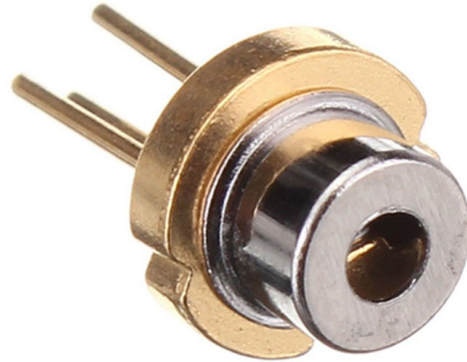
Våglängd: 635-640 nm

Spänning: 2,0-2,2 V DC

Fall: TO-18

Täckning: IP20

Livstid: 5 000 timmar



Produktvarianter:

Produktbeskrivning:

Laserdiod med våglängd 635nm och effekt 5mW.

våglängd 635nm

spänning 2.2-2.7V

omvänd spänning 2V

ström 32-45mA

skyddsgrad IP20

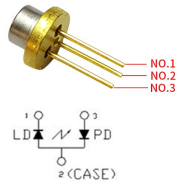
arbetstemperatur -10 - 50 °C

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

Galerie:



▲ABSOLUTE MAXIMUM RATING at Tc=25°C

Items	Symbol	Values	Unit
Optical Output Power	P _o	6	mW
Laser Diode Reverse Voltage	V _r	2	V
Photo Diode Reverse Voltage	V _r	30	V
Operating Temperature	T _{op}	-10 ~ +40	°C
Storage Temperature	T _{stg}	-40 ~ +80	°C

▲ELECTRICAL and OPTICAL CHARACTERISTICS at Tc=25°C

Items	Symbol	Min.	Typ.	Max.	Unit	Condition
Optical Output Power	P _o	-	3	-	mW	-
Threshold Current	I _{th}	-	20	30	mA	-
Operating Current	I _{op}	-	30	40	mA	Forward
Operating Voltage	V _{op}	-	2.2	2.7	V	Forward
Lasing Wavelength	λ	680	685	690	nm	Forward
Beam Divergence	θ _{1/2}	0.1	0.5	0.7	deg	Forward
		0.1	0.8	1.0	deg	Forward
Beam Angle	θ	-	1.0	deg	Forward	
Modulation Frequency	f _m	-	100	MHz	Forward	
Optical Distance	OS, OS ₂	-	400	μm	-	