

Laserska dioda, 808 nm, 500 mW, premer 5,6 mm

Koda izdelka: AM6751
EAN13: -
HS kód: 90132000

Variante izdelkov:

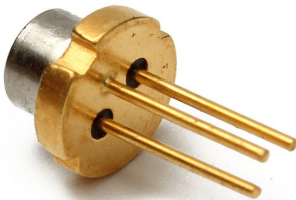
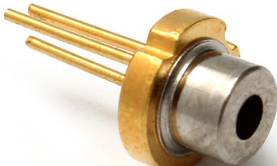
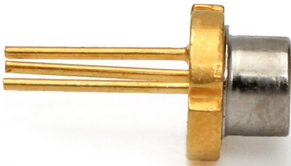
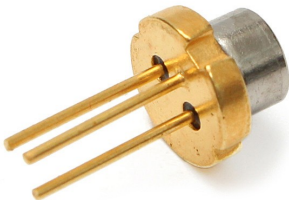
Parametri izdelka:

Barva svetlobe: Infrardeči
Napetost: 2,0-2,2 V DC
Izvedba: 500 mW
Pokritost: IP20
Doživljenjska doba: 5000 ur

Opis izdelka:

Laserska dioda z valovno dolžino 808nm in močjo 500mW.

valovna dolžina 808nm
napetost 2,2V
trenutni maks. 550 mA
stopnja zaščite IP20
CE, RoHS certifikati
delovna temperatura -10 - 70 °C
velikost 5,6x5,6x 10 mm
cena za 1 kos



ELECTRICAL AND OPTICAL CHARACTERISTICS (Tc=25° C)					
Parameter	Symbol	Min.	Typ.	Max.	Unit
Optical Output Power	P _o	-	500	-	mW
Lasing Wavelength	λ	804	808	810	nm
Threshold Current	I _{th}	55	70	90	mA
Operating Current	I _{op}	-	500	550	mA
Operating Voltage	V _{op}	1.8	1.95	2.2	V
Slope Efficiency	SE	1	1.1	1.2	W/A
Divergence Angle	θ ₁ × θ ₂	-	35 × 10	38 × 12	Deg

*1: All above values are evaluated under 500mW optical power output.

*2: θ₁ and θ₂ are defined as full width at half maximum.

