

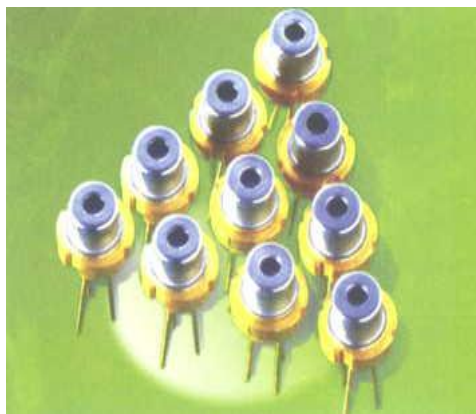
## 980nm High-power Laser Diode

### Speciality

≥200mw CW optical power  
High conversion efficiency  
Standard TO-5 package

### APPLICATION

Laser defense  
Medicine  
Infrared Sources for Night Viewing  
Information Recognition etc



### Specifications (25°C)

Model	Symbol	Unit	AL980T200
Wavelength	$\lambda_p$	$\mu m$	980±10
CW Output Power	$P_{OP}$	mW	≥200
Threshold Current	$I_{TH}$	mA	≤100
Operation Current	$I_{OP}$	mA	≤500
Operation Voltage	$V_{OP}$	V	≤2.4
Differential Efficiency	$\eta$	mW/mA	≥0.85
Beam Divergence	B	$\theta_{\perp} \times \theta_{\parallel}$	35×12
Series Resistance	$R_S$	$\Omega$	≤0.8
Package Style			TO-5

#### Note:

- 1.ESD precautions must be taken when handling this product.
- 2.Laser radiation avoid direct exposure to beam.
- 3.Specifications subject to change, should be noted AOE corp. new report.