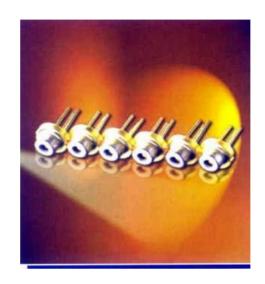
980nmHigh-power Laser Diode

Speciality

≥50mw CW optical power High conversion efficiency Standard TO-18 package

APPLICATION

Laser defense
Medicine
Infrared sources for night viewing
Information recognition etc



Specifications (25℃)

Model	Symbol	Unit	AL980T50
Wavelength	λ _P	μm	980 ± 10
CW Output Power	P_{OP}	mW	≥50
Threshold Current	I_{TH}	mA	≪40
Operation Current	I_{OP}	mA	≤150
Operation Voltage	V_{OP}	V	€2.2
Differential Efficiency	η	mW/mA	≥0.8
Beam Divergence	В	θ ⊥× θ //	40×12
Series Resistance	R_{S}	Ω	€3
Package Style			TO-18

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.