



980nm High-power Laser Diode

Speciality

- ≥250mw 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	λ_p	μm	980 ± 10
CW Output Power	P_{OP}	mW	≥ 250
Threshold Current	I_{TH}	mA	≤ 100
Operation Current	I_{OP}	mA	≤ 500
Operation Voltage	V_{OP}	V	≤ 2.4
Differential Efficiency	η	mW/mA	≥ 0.85
Beam Divergence	B	$\theta_{\perp} \times \theta_{\parallel}$	35×12
Series Resistance	R_S	Ω	≤ 0.8
Package Style			TO-18TO-5

Note:

- 1.ESD precautions must be taken when handling this product.
- 2.Laser radiation avoid direct exposure to beam.