



TO – 3 can

OVERVIEW

- Thermo-electrically cooled. External heat sink still required.
- Pulse capable.
- Sealed in a nitrogen-purged atmosphere.
- Package dimensions (approx): **1.2 x 1.0 x 0.6 in (excluding pins)**

LASER SPECIFICATIONS

		Specs	Units
Process		DFB	---
Oper. Temperature		15 – 45	°C
Facet Coating	Front	AR	---
	Back	HR	---

ELECTRO-OPTICAL CHARACTERIZATION

		Specs	Units
Driving Conditions	Operation Mode	CW	--
	Temperature	15	°C
Electrical	Thresh. Current	0.28	A
	Max. Current	2.47	A
	Thresh. Voltage	8.8	V
	Max. Voltage	10.9	V
	Laser Efficiency	0.6	%
Optical	Max. Power Output	170.8	mW
	Center Wavelength	7.82	μm
Tuning Range	Temperature	0.59	nm/K
	Current	N/A	nm/A
Beam Divergence	Typ. Fast Axis	60	deg
	Typ. Slow Axis	40	deg