



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	Pulse	--
	Temperature	15	°C
Electrical	Thresh. Current	0.37	A
	Max. Current	3.63	A
	Thresh. Voltage	9.8	V
	Max. Voltage	13.6	V
	Laser Efficiency	0.2	%
Optical	Max. Power Output	92.4	mW
	Center Wavelength	8.31	$\mu\text{m}$
Tuning Range	Temperature	0.61	nm/K
	Current	3.4	nm/A
Beam Divergence	Typ. Fast Axis	60	deg
	Typ. Slow Axis	40	deg