



C - MOUNTED DEVICE

OVERVIEW

- Conductively Cooled
- CW Operation
- Mount Dimensions (*approx*): 6 x 6 x 4 mm (excluding leads)

LASER SPECIFICATIONS

		Specs	Units
Process		DFB	---
Oper. Temperature		15 – 45	$^{\circ}\text{C}$
Facet Coating	Front	None	---
	Back	HR	---

ELECTRO-OPTICAL CHARACTERIZATION

		Specs	Units
Driving Conditions	Operation Mode	CW	--
	Temperature	15	$^{\circ}\text{C}$
Electrical	Thresh. Current	0.35	A
	Max. Current	0.63	A
	Thresh. Voltage	10.8	V
	Max. Voltage	11.6	V
	Laser Efficiency	1.9	%
Optical	Max. Power Output	137.6	mW
	Center Wavelength	4.34	μm
Tuning Range	Temperature	N/A	nm/K
	Current	36.3	nm/A
Beam Divergence	Typ. Fast Axis	60	deg
	Typ. Slow Axis	40	deg