



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	AR	---
	Back	HR	---

ELECTRO-OPTICAL CHARACTERIZATION

		Specs	Units
Driving Conditions	Operation Mode	CW	--
	Temperature	15	$^{\circ}\text{C}$
Electrical	Thresh. Current	0.27	A
	Max. Current	0.43	A
	Thresh. Voltage	8.7	V
	Max. Voltage	9.6	V
	Laser Efficiency	3.7	%
Optical	Max. Power Output	152.7	mW
	Center Wavelength	7.83	μm
Tuning Range	Temperature	0.62	nm/K
	Current	42	nm/A
Beam Divergence	Typ. Fast Axis	60	deg
	Typ. Slow Axis	40	deg