



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	0.20	A
	Max. Current	0.32	A
	Thresh. Voltage	13.9	V
	Max. Voltage	15.1	V
	Laser Efficiency	2.2	%
Optical	Max. Power Output	105.2	mW
	Center Wavelength	4.58	μm
Tuning Range	Temperature	0.39	nm/K
	Current	51	nm/A
Beam Divergence	Typ. Fast Axis	60	deg
	Typ. Slow Axis	40	deg