



### 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	17	$^{\circ}\text{C}$
Electrical	Thresh. Current	0.24	A
	Max. Current	0.38	A
	Thresh. Voltage	11.5	V
	Max. Voltage	13.3	V
	Laser Efficiency	1.13	%
Optical	Max. Power Output	57.2	mW
	Center Wavelength	6.23	$\mu\text{m}$
Tuning Range	Temperature	0.50	nm/K
	Current	83.3	nm/A
Beam Divergence	Typ. Fast Axis	60	deg
	Typ. Slow Axis	40	deg