



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 | °C |
| Facet Coating | Front | None | --- |
| | Back | HR | --- |

ELECTRO-OPTICAL CHARACTERIZATION

| | | Specs | Units |
|--------------------|-------------------|-------|---------------|
| Driving Conditions | Operation Mode | CW | -- |
| | Temperature | 17 | °C |
| Electrical | Thresh. Current | 0.75 | A |
| | Max. Current | 1.10 | A |
| | Thresh. Voltage | 7.9 | V |
| | Max. Voltage | 9.5 | V |
| | Laser Efficiency | 0.6 | % |
| Optical | Max. Power Output | 59.3 | mW |
| | Center Wavelength | 10.26 | μm |
| Tuning Range | Temperature | 1.30 | nm/K |
| | Current | 137.5 | nm/A |
| Beam Divergence | Typ. Fast Axis | 60 | deg |
| | Typ. Slow Axis | 40 | deg |