



TO – 3 can

OVERVIEW

- Thermo-electrically cooled. External heat sink still required.
- Pulse capable.
- Sealed in a nitrogen-purged atmosphere.
- Package dimensions (approx): **1.2 x 1.0 x 0.6 in (excluding pins)**

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 | Pulse | -- |
| | Temperature | 15 | $^{\circ}\text{C}$ |
| Electrical | Thresh. Current | 0.16 | A |
| | Max. Current | 0.36 | A |
| | Thresh. Voltage | 11.6 | V |
| | Max. Voltage | 13.8 | V |
| | Laser Efficiency | 0.8 | % |
| Optical | Max. Power Output | 39.2 | mW |
| | Center Wavelength | 4.52 | μm |
| Tuning Range | Temperature | 0.32 | nm/K |
| | Current | 5 | nm/A |
| Beam Divergence | Typ. Fast Axis | 60 | deg |
| | Typ. Slow Axis | 40 | deg |