- Laser type: Distributed Feedback Laser
- Quantity requested: 6
- Package type: 14 pin butterfly package with thermo-electric cooler, thermistor, monitor diode, and fiber pigtail with FC/APC connection.
- Hermetically sealed package
- Output fiber type: Polarization maintaining fiber (900 micron jacket, 125 micron cladding, 5.5 micron core).
- Fiber connector = FC/APC connector, narrow key/2mm aligned to slow axis of fiber.
- Central wavelength at 25 mW CW output power and ~25 deg. C : 935.4 - 935.7 nm nm(vacuum)
- DFB spectral linewidth (CW operation): ≤ 2 MHz
- Minimum CW output power from the fiber = 25 mW
- DFB CW forward current at 25 mW output power ~ 120 mA
- Side mode suppression ratio at 25 mW CW output power: > 30 dB
- Polarization extinction ratio (typical): 10 dB
- Maximum DFB reverse voltage= 2 V
- Maximum TEC drive current: 1.8 A
- Maximum TEC drive voltage: 3.2 V
- Thermistor resistance at 25 deg. C: 10 k ohm
- Chip operation temperature: 5-40 deg.C.
- Case operation temperature: -40-85 deg.C

Specifications for dimensions of DFB laser

- Length and width: 30 mm (excluding fiber) x 12.7 mm (excluding electrical pins)
- Minimum width including electrical pins: 28 mm
- Height:7.8 mm
- Four mounting holes on case of enclosure
    - Width separation of mounting holes = 8.9 mm
    - Length separation of mounting holes = 26 mm
    - Diameter of mounting holes= 2.67 mm
- Minimum length of electrical pins = 8 mm
- Separation between electrical pins = 2.54 mm
- Width of electrical pin = 0.5 mm