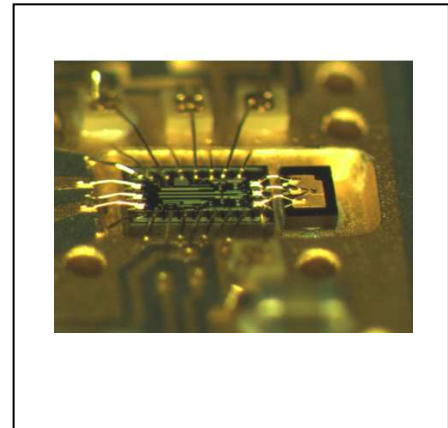


40 Gbit/s transmitter testboard subassembly (850 nm)

Product Code: T40-850TB



Sample image only. Actual product may vary.

Product Description

The T40-850 transmitter optical subassembly (TOSA) utilizes a vertical cavity surface emitting laser (VCSEL) and driver IC integrated assembled onto a customized ceramic board. The device is designed for ultra-high speed data communication test measurements of up to 40 Gbit/s. The transmitter is available in wire-bond version.

Features

- capable up to 40 Gbit/s data rate
- proprietary VCSEL and driver IC
- high frequency package
- ceramic testboard

Applications

- Test of 40/100G short reach prototypes
- Fiber test application
- Research and development

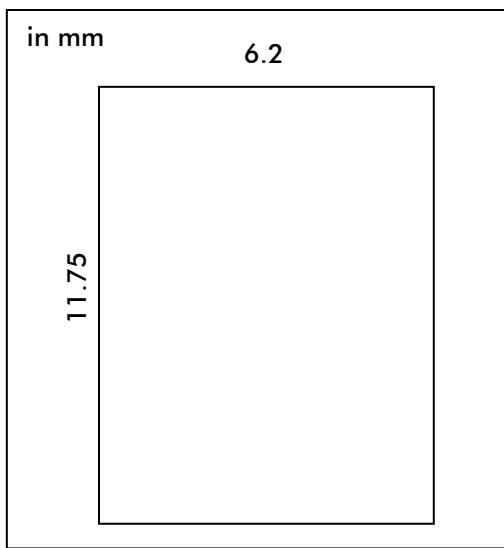
Parameter	Typical	Notes
Emission Wavelength	850 nm	available from 835 – 865 nm
Power dissipation	< 400mW	
Differential L-I slope Efficiency	> 70%	
Peak Output Power	8 mW	
Threshold Current	< 1 mA	up to 100 °C
Rise Time (20% to 80%)	< 10 ps	

All product specifications and descriptions are subject to change without notice.

**40 Gbit/s testboard
T40-850TB**

Dimensions (wire-bond version)

T40-850TB-WB



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