

CW and Pulse Laser Diode Drivers for TO can packaged devices

Model no.: TOD-[CW] or [Pulsed]



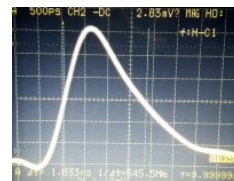
Description

A family of ultra-compact board level sub-modules for system development or integration of TO can laser diodes. Boards are compatible with 1 inch lens mount and tube systems to enable assembly of novel system designs from off-the-shelf components.

Pulse laser diode driver

Based on pulsed current driver with proprietary switching technology and compliance voltage up to 100V. The driver is impedance mismatch tolerant and drives ns pulses in most TO can laser diodes.

Parameter	Specification
Pulse width	1-5 ns
Peak current	500 mA
Trigger	5 V TTL
Supply voltage	+5 VDC



CW / Modulation diode driver

Constant current driver with fast PID control and analog setpoint via coaxial input. Drives single or multi tone current up to 10MHz in most TO can laser diodes.

Parameter	Specification
CW current max.	200 mA
Control	0-2 V (50ohm)
Supply voltage	+7.5 VDC

