LUXA

Short-Pulse Butterfly Laser Driver

Photonic Components

This driver supplies short current pulses to a compatible butterfly-packaged laser diode. Specify the diode interface, pulse conditions and trigger arrangement.



Technical specifications

Peak pulse current (A)	0.3 to 2 (Maximum ≈2)
Pulse width range (ns)	0.5 to 10 adjustable
Repetition rate	20Hz to 50 MHz
Trigger mode	TTL / LVTTL Rising edge
Internal trigger	1 MHz
Compatible laser	14PIN / 10PIN Butterfly package
Supply voltage (V)	9 to 15 Single supply
TEC Default temperature setpoint (°C)	25