



MegaWatt Lasers

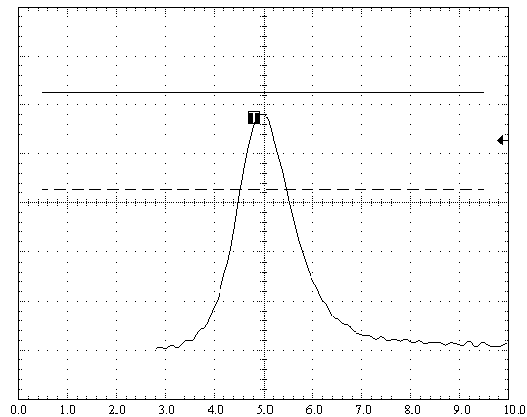
Application Specific Lasers

ER100 MINIATURE SOLID-STATE LASER



Diode-Pumped, Passively Q-Switched, Er:Glass

Parameter	Nominal Value
Wavelength:	1.535 μm
Pulse Energy:	100 μJ
Pulse Width:	2 ns
Peak Power:	50-75 KW
Repetition Rate:	SS to 10 Hz Burst mode available
Life:	$> 5 \times 10^6$ shots
Operational Temperature:	-40 to 50° C
Beam Quality:	1.3 X D.L.
Power Requirement:	$\leq 5\text{A}$, $\sim 1.7\text{V}$
Standby Power	<i>not required</i>
Cooling	<i>not required</i>
Lead solder temp	320° C max
Lead solder time	10 Sec max



Typical 2 ns FWHM pulse

For more information, contact: sales@megawattlasers.com

20150218

P.O. Box 24190
(843) 372-7221

Hilton Head Island, SC
www.megawattlasers.com

29925-4190