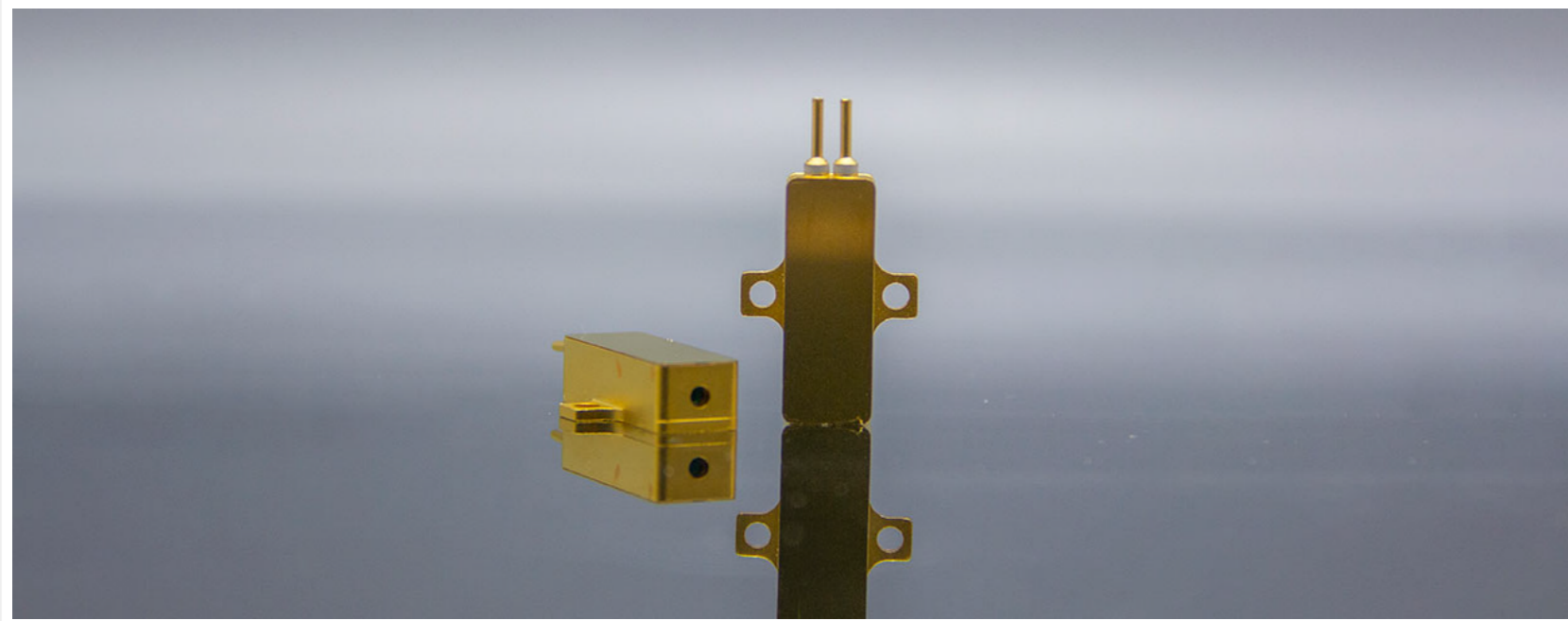


1535nm Eye Safe Solid State Laser (Er Glass Laser)



FEATURES

- Based on Er: glass passive Q-switching technology
- Eye safety
- Extremely light weight
- The smallest package size of its kind in the world
- Wide operating temperature range

APPLICATIONS

- Eye safety laser ranging

PARAMETER

Model	CL1535-100μJ-SL001	CL1535-200μJ-SL002	CL1535-300μJ-SL003	CL1535-40μJ-SL004
Wavelength (nm)	1535	1535	1535	1535
Single Pulse Energy (μJ)	100	200	300	40
Pulse Width (ns)	6	4.5	6	5
Beam Divergence Angle (mrad)	< 12	< 12	< 10	< 12
Repetition Frequency (Hz)	20	10	10	1K
Life (Shots)	> 2×10 ⁸	> 2×10 ⁸	> 2×10 ⁸	> 2×10 ⁸
Cooling Requirements	No refrigeration required	No refrigeration required	No refrigeration required	No refrigeration required
Weight (g)	9.5	9.5	11	11
Size (mm)	28×8×6	28×8×6	35×8×6	35×8×6
Working Temperature (°C)	-40 ~ 65	-40 ~ 65	-40 ~ 65	-40 ~ 65
Storage Temperature (°C)	-50 ~ 90	-50 ~ 90	-50 ~ 90	-50 ~ 90

OUTLINE SIZE(mm)

