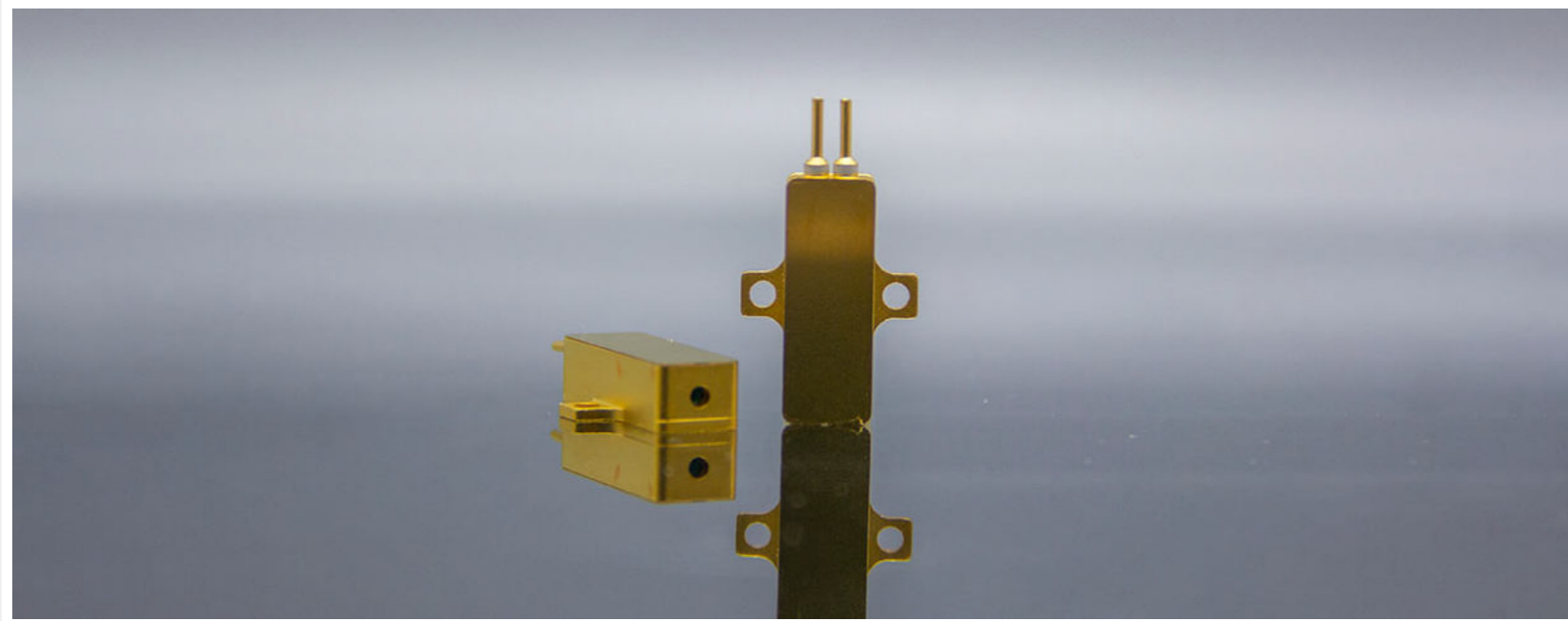


# 1535nm Eye Safe Solid State Laser (Er Glass Laser)



## 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 <sup>8</sup>	>2×10 <sup>8</sup>	>2×10 <sup>8</sup>	>2×10 <sup>8</sup>
Cooling Requirements	No refrigeration required			
Weight (g)	6	9	9	6
Size (mm)	21×8×7	25×8×7	25×8×7	21×8×7
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)

