

QML-1573/40uJ



**LD PUMPED ALL-SOLID-STATE
Q-switched LASER**

All solid state Q-switched laser at 1573nm has the features of high peak power, high repetition rate, and short pulse duration, which is widely used in Laser Telemeter, Laser Surveying, Remote Sensing, LIBS, Laser micro-processing.

SPECIFICATIONS

Wavelength (nm)	1573 ± 1
Operating mode	Q-switched pulsed laser
Single pulse energy (μJ)	40
Pulse duration (ns)	1~2
Peak power (kW)	20~40
Rep.rate(Hz)	10
Ave power stability (over 4 hours)	<3%
Transverse mode	TEM ₀₀
Warm-up time (minutes)	<10
M ² factor	<1.5
Beam divergence, full angle (mrad)	<12
Beam diameter at the aperture (mm)	~0.25
Beam height from base plate (mm)	29
Operating temperature (°C)	10~35
Expected lifetime (hours)	10000
Warranty	1 year



QML-1573	PSU-QML-OEM
<p style="text-align: center;">φ 16 mm×35 mm 0.014 kg</p>	<p style="text-align: center;">85 (L) × 64 (W) × 26 (H) mm³ 0.4 kg</p>