

# DPQLM-1535-C-0010-008N-04-50-000-A



## Features

Eye-safe Laser Wavelength  
 Internal Photodiode  
 Low Power Consumption  
 Mini Size  
 High Reliability

## Applications

Laser Telemeter  
 Laser Surveying  
 Remote Sensing

## Specifications

Parameter	Unit	Min	Typical	Max
Wavelength	nm		1535	
Pulse Energy	μJ		10	
Pulse Width	ns		8	
Peak Power	kW		1.2	
Pulse Repetition Frequency	kHz	5		10
Pulse Build-up Time	us		80	
Energy Stability <sup>1</sup>	%		2	5
Operating Temperature (Case)	°C	-40	25	+60
Beam Diameter <sup>2</sup>	mm		9	
Beam Divergence	mrاد			0.3
LD Working Current	A		3	
LD Working Voltage	V		2	
Power Consumption	W		0.6	1.2
Packaging Dimension	mm		∅18×80	
Beam Alignment Tolerance (Off-axis Angle)	mrاد			20
Beam Alignment Tolerance (Position(Δr))	mm		0.3	0.5
Storage Temperature	°C	-40		85
Operating Humidity	R.H.	5%		85%
Shock	NA		1500g, 0.5ms, 6 shocks 3 axes, 2 shocks/axis	
Vibration	NA		20~2000Hz, 0.02g <sup>2</sup> /Hz 3 axes, 1hr/axis	

Expected Lifetime<sup>3</sup> (MTTF)                      hrs                      5000

1. 100pulses @ constant temp
2. At output window
3. Room temperature