

DPQLM-1535-C-0040-005N-02-50-000-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		40	
Pulse Width	ns		5	
Peak Power	kW		8	
Pulse Repetition Frequency	Hz		100	
Pulse Build-up Time	ms		1	2
Energy Stability ¹	%		2	5
Operating Temperature (Case)	°C	-30	25	+50
Beam Diameter ²	mm		9	
Beam Divergence	mrad			0.3
LD Working Current	A		3	
LD Working Voltage	V		2	
Power Consumption	W		0.6	1.2
Packaging Dimension	mm		Ø18×80	
Beam Alignment Tolerance (Off-axis Angle)	mrad			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 ² /Hz 3 axes, 1hr/axis	

Expected Lifetime³ (MTTF) hrs 5000

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