

DPQLM-1535-C-0040-005N-02-30-000-C



Features

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

Applications

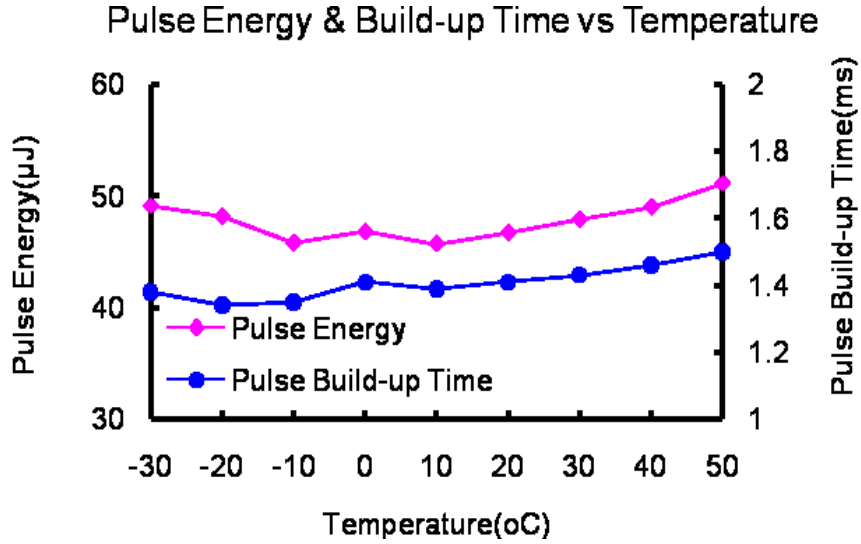
- Laser Telemeter
- Laser Surveying
- Remote Sensing

Specifications

Parameter	Unit	Min	Typical	Max
Wavelength	nm		1535	
Pulse Energy	uJ		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		6	
Beam Divergence	mrad		0.5	1
LD Working Current	A		3	
LD Working Voltage	V		2	
Power Consumption	W		0.6	1.2
Packaging Dimension	mm		Ø16×60	
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 Lifetime ³ (MTTF)	hrs	5000		

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

Typical Output Performance



Dimension

