



## FERT-1535-300µJ-Q

### Infrared Erbium Glass Laser

#### PERFORMANCE

Pulse Energy	300µJ
Peak Power	≥ 70kW

#### OPTICAL

Wavelength	1535nm
Pulse width	4ns
Pulse repetition frequency	10Hz
Pulse Build-up Time	<2.5ms
Energy stability	<5%
Beam diameter(1/e <sup>2</sup> )	0.2mm
Beam divergence	≤ 12mrad
M Squared	≤ 1.3

#### ELECTRICAL

Operating Current	≤12A
Operating Voltage	≤2V

#### ENVIRONMENTAL

Operating temperature range	-40°C to + 65°C
Storage temperature range	-55°C to + 70°C
Lifetime (MTTF)	≥20 million shots

#### PHYSICAL

Weight	≤ 10g
Dimensions (L/W/H)	34mm x 18mm x 7.7mm