



Infrared Laser Series - DPSS Lasers

## PQS all in one

Ideal Solution  
for OEM Integration



## Features

- Ultra Compact Laser Marking Source
- Integrated Marking Head
- High Peak Power
- Excellent Beam Quality
- High Stability of Pulse Width and Peak Power
- Ease of integration in:  
Final Test Benches/Benchtop Machine/production Lines

## Applications

- Industrial Marking
- ID (PC and laserable PVC)
- Material Processing
- Fine Ablation
- Micromarking

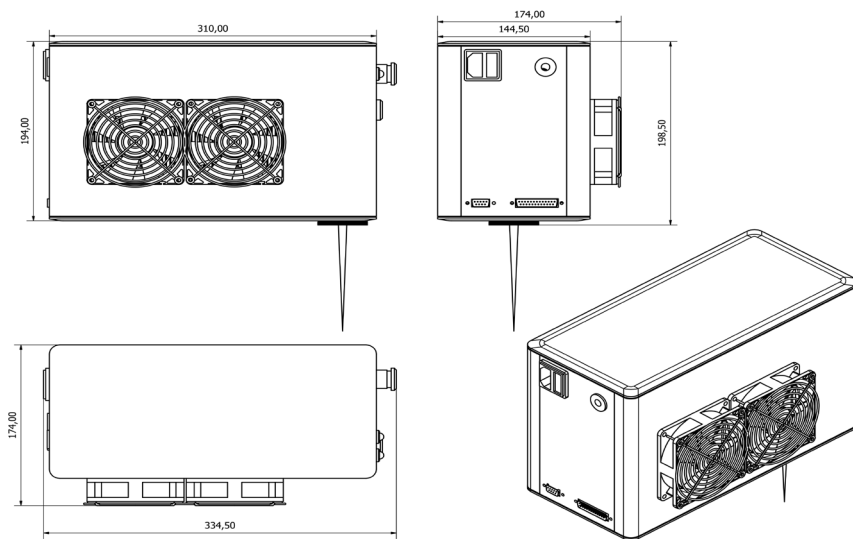


# Infrared Laser Series - DPSS Lasers

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		PQS2	PQS5
Laser Type	Medium	Nd:YAG	Nd:YAG
Wavelength	[nm]	1064	1064
Max average output power CW	[W]	2 @ BEX Output	5 @ BEX Output
Rep. Rate	[kHz]	25 @ Max Power	25 @ Max Power
Pulse width	[ns]	3	9
Max pulse energy	[μJ]	100	230
Max peak power	[kW]	33	25
Beam quality	[M2]	<1.3	<2
Output beam diameter (*)	[mm]	4	5
Marking Head		Internal	Internal
Focal Lens (M39-M85 as option)		100mm. (50x50mm.) - 160mm. (100x100mm.)	

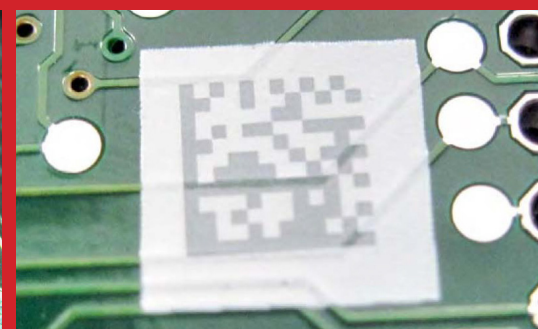
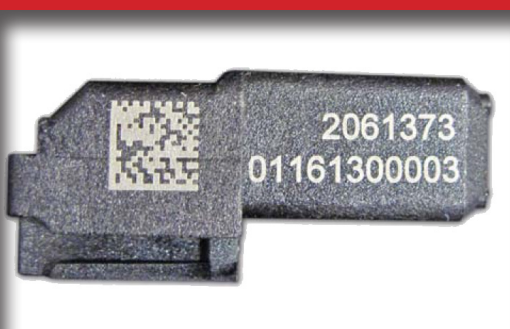
\*Different Beam Diameter available upon request



Specifications are subject to variations and updates without notice.  
 Class 4 laser source.  
 This OEM laser component is for sale solely to qualified manufacturers, who shall provide interlocks, indicators and other appropriate safety features, in full compliance with 21 CFR 1040 and/or other applicable national and local regulations.



PQS Layout all in one



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