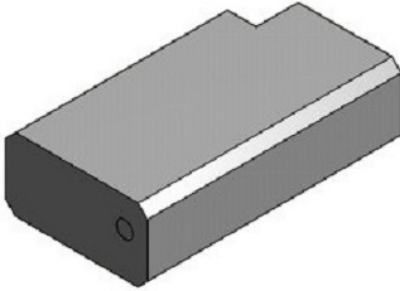


PQSY series	Spec# PQSY16201
Q-Switched DPSS Miniaturized Laser Platform	

	<p>FEATURES</p> <ul style="list-style-type: none"> _ Miniaturized Design _ 1030nm Q-Switched _ up to 3.5W _ up to 35 kHz _ 15 V DC Power Supply Input
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Technical Specifications	PQSY 2W	PQSY 3.5W	
Max Output Power	2	3.5	W
Q-Switch Repetition Rate	up to 20	up to 35	kHz
Pulse Energy	0.1	0.1	mJ
Wavelength	1030		nm
Pulse Width	10 to 15		ns
Polarization	Linear 100:1 (Option circular polarization)		
M ²	< 1.5		
Beam diameter @ 1/e ² (integrated BEX)	< 6		mm
Electrical Requirements	DC Power Supply 15 V / < 5 A		
Cooling	Contact Cooled (Option: Air Cooled)		
Dimensions	13 x 7 x 4 (complete unit including driver)		cm ³
Weight	< 1		kg

Options Available:	Applications:
<ul style="list-style-type: none"> - Optional Beam Expanders - Red Aiming beam - Air Cooled Heatsink - 24 : 28 V DC power input 	<ul style="list-style-type: none"> - Material Processing - Marking and Scribing - LIDAR



All information included in this document is subject to change without notice.
Updated datasheets can be provided on request.

For further details, please contact your local **Bright Solutions** sales representative or visit our website at www.brightsolutions.it

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