

Changchun New Industries Optoelectronics Tech. Co., Ltd.

DATA SHEET

PGL-V-H-635/1~800mW

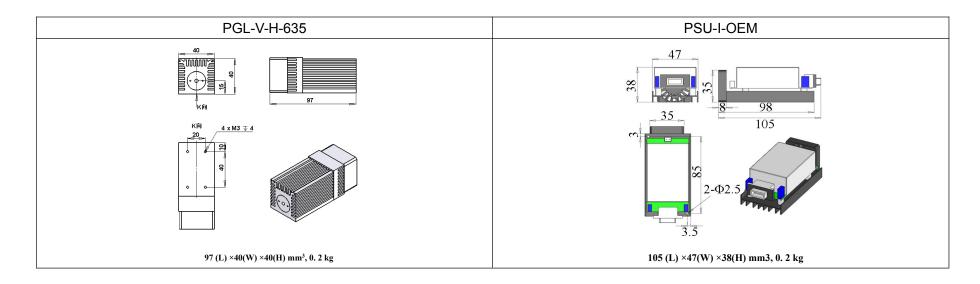
SPECIFICATIONS

RED DIODE LASER MODULE AT 635 nm

features of ultra compact, long lifetime, low cost and easy operating, which is widely use in laser pointing, show and light applications.



RED DIODE LASER MODULE	Wavelength (nm)	635±5	
AT 635 nm	Operating mode	CW	
Diode laser module at 635 nm is made tures of ultra compact, long lifetime, low at and easy operating, which is widely used laser pointing, show and light applications.	Output power (mW)	>1, 50, 100, , 800	
	Power stability (rms, over 4 hours)	<1%, <3%, <5%	
	I ransverse mode	Near TE ₀₀	
	Beam diameter at the aperture (1/e ² mm)	~4.0×6.0	
	Beam divergence, full angle (mrad)	<4.0	
	Warm-up time (minutes)	<10	
	Beam height from base plate (mm)	15	AVOID EXPOSURE Laser radiation is emitted from this
	Pointing stability after warm-up (mrad)	<0.05	
	Operating temperature (°C)	10~35	
	Power supply (90-264VAC)	PSU-I-OEM	LASER FADIATION - AVOID DIFECT ENTOSTING TO BEAM
	TTL/Analog modulation	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option	CLASS IV LASER PRODUCT This device complies with 21 CFR1040.10 and 1040.11
	Expected lifetime (hours)	10000	Changchun New Industries Opticelectronics Teck. Co., Ltd. (CNI) 3383 JinHu Rond High-tech Zone Changchus, China
	Warranty period	1 year	



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