

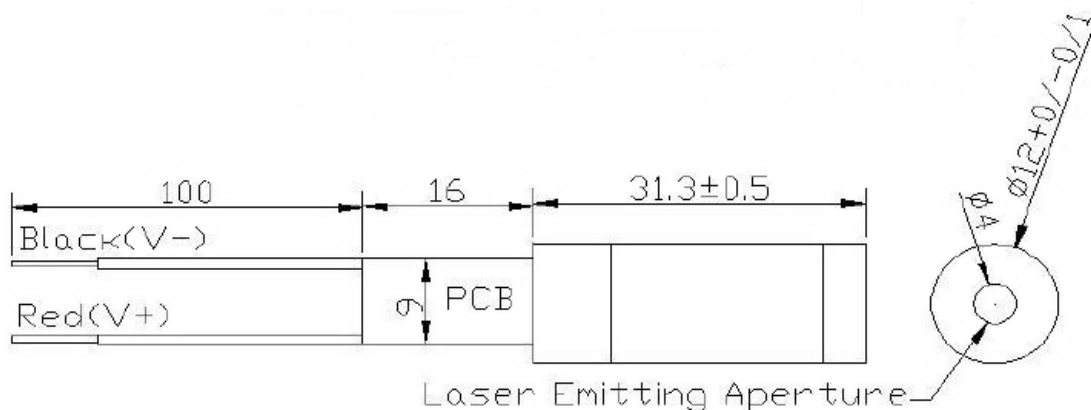
532nm DPSS PULSED LASER MODULE FCGM-PS02-XXX



Specifications

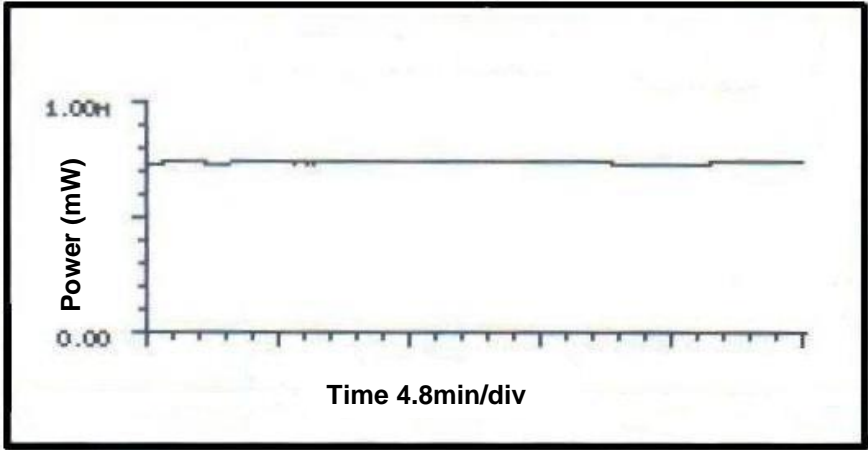
Parameter	Model FCGM-				Unit
	PS02-001	PS02-005	PS02-010	PS02-020	
Output Power	<1	<5	<10	<20	mW
Wavelength	532				nm
Operating Current	<300				mA
Operating Voltage	3				V
Operation Mode	Pulse				
Beam Mode	TEM ₀₀				
Beam Diameter	<1.5 (at aperture)				mm
Beam Divergence	<1.2				mrad
Warm-up Time	<3				seconds
Operating Temperature Range	10 to 40				°C
Optimum Operating Temperature	20 to 30				°C
Dimensions	Ø12 x 31.3 ±0.5 (without circuit)				mm
Housing	Brass				

Housing Drawing



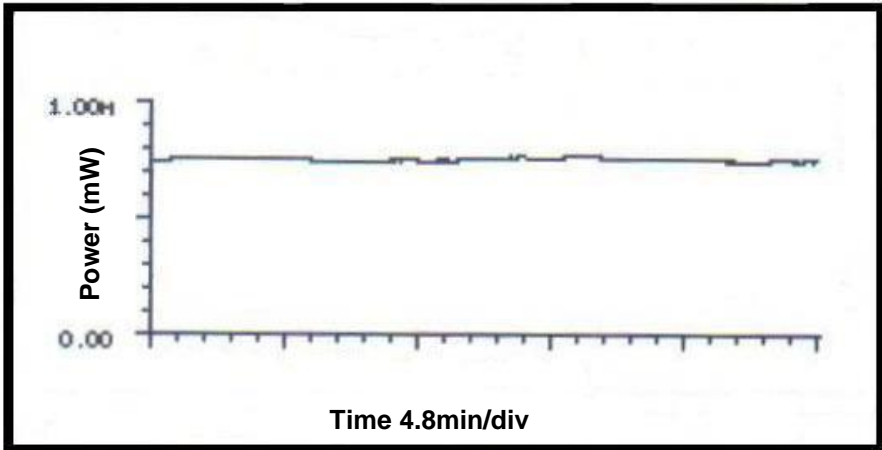
POWER STABILITY PERFORMANCE

10°C for 2 hours, 161mA
 1-5mW Modules



Min	725μW
Mean	737μW
Max	744μW
Std Dev	4.86μW
Stability	± 1.32%

40°C for 2 hours, 166mA
 1-5mW Modules



Min	737μW
Mean	755μW
Max	771μW
Std Dev	6.4μm
Stability	± 1.7%