



## PLB01(635-5)G55A2

SKU / Spec Number: E468

### DESCRIPTION

The PL Series laser diode modules satisfy client requests for small diameter package sizes with TTL modulation up to 10 kHz. The PLB (8mm diameter) and PLG (10 mm diameter) and PLA (12.6 mm diameter) feature standard wavelengths between 635 nm and 850 nm with output powers ranging from 1 mW to 10 mW. Each module comes pre-collimated with user adjustable focusing lens. If a small package size is not required consider the standard PM laser module.

### SPECIFICATIONS

Wavelength (nm)	635	Spatial Mode	TEM <sub>00</sub>
Laser Safety Class	2	Operating Mode	CW
Wavelength Tolerance	+/-10nm	Modulation Signal	Digital
Certifications	CDRH & IEC Laser Safety, RoHS	Operating Voltage	5
Power	1	Operating Voltage Units	VDC
Warranty	1 Year	Max Operating Current (mA)	35
Power Units	mW	Operating Current Units	mA
Color	Red	Operating Temperature Range	10 - 35°C
Beam Shape	Elliptical	Module Dimensions (In / mm)	46 mm x 8 mm
Default Optical Configuration	Collimated	Product Weight (lbs.)	0.125
User Focusable	Yes	Platform	PLB
Beam Divergence (1/e <sup>2</sup> )	<1.1		