



Beam of Light Technologies, Inc.  
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# Diode Assembly Specifications

## GENERAL:

### Z-Bolt 12 mm Adjustable Focus Module

<b>Part Number</b>	<b>DPSS-5B-ADJ-SP</b>
Color	Green
Units per Sale Package	5 pieces
Output Type [Dot / Line]	Dot



## LASER DIODE:

Wavelength	532nm
Output Power	< 5mw
FDA Class / ANSI Class	Class IIIa / 3R
Factory Power Report	Included
MTBF	>5000hr
Beam Mode	TEM <sub>00</sub>
Beam Diameter	Adjustable
Beam Divergence	N/A
IR Filter	Yes / 98%

## LASER PACKAGE:

Housing / Case Material	Brass
Circuit Board Exposure	Yes
Circuit Type	APC
Switch Type	Momentary Push Button
Operation Mode	CW Mode

## POWER:

Input Voltage	3V DC
Electrical Connections	Spring
Circuit Polarity	Case Positive
Operating Current	<300mA

## DIMENSIONS & WEIGHT:

Length Overall (excluding leads / spring)	52mm +/- 1mm
Outside Diameter	12mm +/-0.5mm
Diode Case Length	36+/-0.5mm(without circuit)

## ENVIRONMENT

Operating Temperature	15C° ~ 35C°
Warm Up Time	< 3 sec

## SPECIAL FEATURES

Adjustable focus dot at various distances	
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## DIAGRAM

