



Beam of Light Technologies, Inc.  
 Portland, Oregon, USA  
 503-867-1617 603-309-3020 Fax  
 John@Z-Bolt.com  
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# Diode Assembly Specifications

## GENERAL:

### Z-Bolt 20 mm Green Laser Dot Module

<b>Part Number</b>	<b>BOLT-5</b>
Color	Green
Units per Sale Package	1 piece
Output Type [Dot / Line]	Dot



## LASER DIODE:

Wavelength	532nm
Output Power	< 5mw
FDA Class / ANSI Class	IIIa / 3R
Factory Power Report	Included
MTBF	> 5000 hrs
Beam Mode	TEM <sub>00</sub>
Beam Diameter	< 1.5 mm at aperture
Beam Divergence	< 1.2 mrad
IR Filter	Yes

## LASER PACKAGE:

Housing / Case Material	Anodized
Circuit Board Exposure	None. Case enclosed
Circuit Type	APC
Switch Type	None
Operation Mode	CW

## POWER:

Input Voltage	3V DC
Electrical Connections	100 mm leads, red / black
Circuit Polarity	Case Positive
Operating Current	< 300 ma

## DIMENSIONS & WEIGHT:

Length Overall (excluding leads / spring)	58.5 mm +/- 0.5 mm
Outside Diameter	20mm
Diode Case Length	Same as above

## ENVIRONMENT

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

## SPECIAL FEATURES

Built In Heat Sink	Yes
FDA Labeling	Yes

## DIAGRAM

