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Diode Assembly Specifications

GENERAL:

Z-Bolt 12 mm Green Laser Dot Module

Part Number	DPSS-100
Color	Green
Units per Sale Package	1 piece
Output Type [Dot / Line]	Dot



LASER DIODE:

Wavelength	532nm
Output Power	> 100mW
FDA Class / ANSI Class	IIIb / 3B
Factory Power Report	Included
MTTF	> 3000 hrs
Beam Mode	TEM ₀₀
Beam Diameter	< 1.5mm at aperture
Beam Divergence	< 1.5mrad
Beam Alignment	N/A
IR Filter	Yes

LASER PACKAGE:

Housing / Case Material	Brass
Circuit Board Exposure	None. Case enclosed
Circuit Type	ACC
Switch Type	None
Operation Mode	CW

POWER:

Input Voltage	3V DC
Electrical Connections	100 mm leads, red / black
Circuit Polarity	Case Positive
Operating Current	< 650 mA

DIMENSIONS & WEIGHT:

Length Overall (excluding leads / spring)	33 mm +/- 0.5 mm
Outside Diameter	12mm
Diode Case Length	Same as above
Weight Overall	

ENVIRONMENT

Operating Temperature	20-30 degrees C
Warm Up Time	< 3 seconds

SPECIAL FEATURES

Built In Heat Sink	N/A
Aspheric Lens	N/A
Adjustable dot size at various distances	N/A

DIAGRAM

