



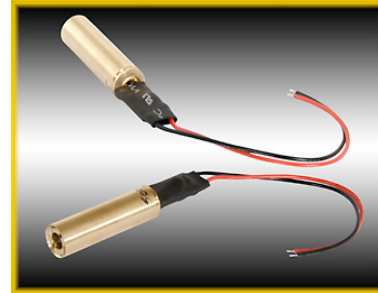
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Diode Assembly Specifications

GENERAL:

Z-Bolt 10 mm Green Laser Dot Module High Concentricity

Part Number	DPSS-5-10mm
Color	Green
Units per Sale Package	5 pieces
Output Type [Dot / Line]	Dot



LASER DIODE:

Wavelength	532nm
Output Power	<5mW (3.5+1mW)
FDA Class / ANSI Class	Class IIIa 3R
Factory Power Report	Included
MTTF	>5000hr
Beam Mode	TEM ₀₀
Beam Diameter	< 3mm at aperture
Beam Divergence	Beam Divergence < 1mrad (Spot Size <10 mm @ 10m)
Beam Alignment	< + 0.5 degree
IR Filter	Yes

LASER PACKAGE:

Housing / Case Material	Brass
Circuit Board Exposure	Yes
Circuit Type	APC
Operation Mode	CW mode

POWER:

Input Voltage	3V DC
Electrical Connections	100mm leads
Circuit Polarity	Case Positive
Operating Current	< 300mA

DIMENSIONS & WEIGHT:

Length Overall (excluding leads / spring)	51mm +/- 1mm
Outside Diameter	10mm +/-0.5mm
Diode Case Length	35mm +/- 0.5mm

ENVIRONMENT

Operating Temperature	15C° ~ 35C°
Warm Up Time	< 1 sec

SPECIAL FEATURES

Superior Beam Centering from Outside Casing	< +/- 0.5°
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DIAGRAM

