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Diode Assembly Specifications

GENERAL:

Z-Bolt 12 mm Adjustable Laser Line Module

Part Number	DPSS-5L-ADJ
Color	Green
Units per Sale Package	1 piece
Output Type [Dot / Line]	Adjustable Line



LASER DIODE:

Wavelength	532nm
Output Power	Certified 4.0 ~ 5.0mW
FDA Class / ANSI Class	IIIa / 3R
Factory Power Report	Included
MTTF	> 5000 hrs
Beam Mode	TEM ₀₀
Line Width	< 2.5mm @ 5M
Beam Fan Angle	60° degree
Line Position Adjustment	Yes
Adjustment Hex Key	Included
IR Filter	Yes

LASER PACKAGE:

Housing / Case Material	Aluminum
Circuit Board Exposure	None. Case enclosed
Circuit Type	APC
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)	56.8 mm +/- 0.5 mm
Outside Diameter	15mm
Diode Case Length	40.3 mm +/- 0.5 mm (no pcb)

ENVIRONMENT

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

DIAGRAM

