Beam of Light Technologies, Inc.
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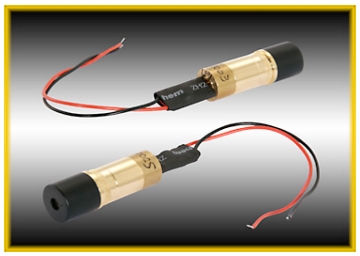
Diode Assembly Specifications

GENERAL:

Z-Bolt 12 mm Adjustable Focus Module



Part Number	DPSS-5B-ADJ
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_{00}
Beam Diameter	Adjustable
IR Filter	Yes

LASER PACKAGE:

Housing / Case Material	Brass
Circuit Board Exposure	Yes
Circuit Type	APC
Switch Type	None
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)	52mm +/- 1mm
Outside Diameter	12mm +/-0.5mm
Diode Case Length	36+/-0.5mm(without circuit)

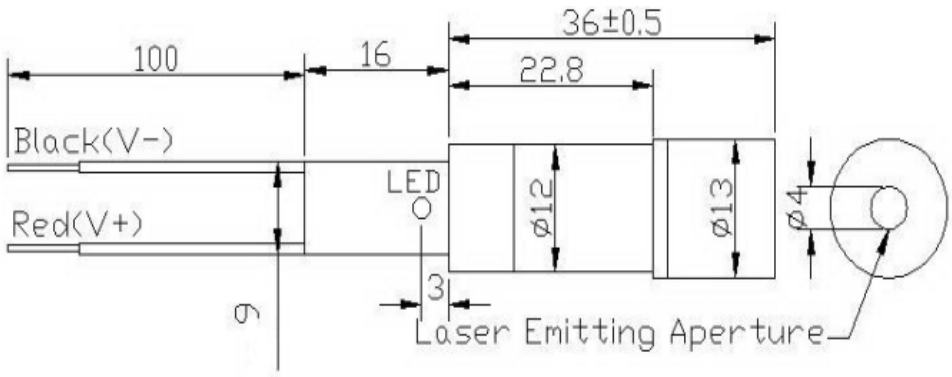
ENVIRONMENT

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

SPECIAL FEATURES

Adjustable focus dot at various distances	

DIAGRAM



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