

5mW 515nm Micro LDM Laser Diode Module



Stock **#72-825** [CONTACT US](#)

-

1

+

€237^{.00}

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Volume Pricing	
Qty 1-9	€237,00 each
Qty 10+	€225,00 each
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Product Downloads



General

Type:

Index Guided Diode, CW

Mean Time To Failures MTTF @ 25° (hours):

≥40,000

Drive Circuitry:

Fully shielded, reverse polarity protected

Note:

Includes: Users Manual, Warning Label, and Focus Key

Diode	Type of Laser:
IIla	Laser Class - CDRH:
Physical & Mechanical Properties	
3	Weight (g):
<25	Pointing Accuracy (mrad):
Length of Leads (mm):	
220	
Length (mm):	
27.40	
Optical Properties	
Wavelength (nm):	
515.00	
Wavelength Tolerance (nm):	
±10nm	
Wavelength Stability (nm/°C):	
0.25	
Beam Size at Nearest Focus (µm):	
<40	
Beam Diameter (mm):	
3 x 1 at Aperture	
Beam Divergence (mrad):	
<0.5	
Color:	
Green	
Focus Range (mm):	
50mm - ∞	
Electrical	
Operating Current (mA):	
<60	
Output Power (mW):	
5	
Output Power Tolerance (%):	
±5 at 25°C	
Hardware & Interface Connectivity	
Power Supply:	
+10Vdc power supply required	
Power Requirement:	
10 VDC	
Electrical Leads/ Pin Connections:	
red (+), black (-)	
Output Type:	
Free Space	
Environmental & Durability Factors	
Operating Temperature (°C):	
-10 to +45	
Storage Temperature (°C):	
-10 to +85	
Regulatory Compliance	
RoHS 2015:	
Compliant	
Certificate of Conformance:	
View	
Reach 240:	
Compliant	

Product Details

- 7mm Housing Diameter
- Focusable
- Low Voltage DC Operation
- Reverse Polarity Protection

Micro LDMLaser Diode Modules feature an extremely compact design that includes automatic power control circuits and focusable optics. The rugged body is low voltage isolated from the drive electronics, removing the need for negative or floating supplies. It has a highly visible red laser output that can be seen in most daylight conditions. Micro LDMLaser Diode Modules' additional features include aspheric lens, elliptical beam, small output beam diameter, and focused spot size. Meet IEC60825 certification, in accordance with CDRH. Applications include alignment/positioning, bar code readers, dimensional scanning, metrology, event detection, robot control, target designation, edge detection, analysis, and security.

