

Dot laser, red, 635 nm, 6 mW

DG635-6-3(12x34)
Order Number: 70101836

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		6		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	25	50	75	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty 1 years

Technical Parameters

Lifetime > 5,000 h
RoHS yes

Optical Parameters

Beam Shape Dot
Laser Class 3B
Divergence G - 0.8 mrad
Size of Laserdot adjustable
Operating Distance 60 m
Optics glass lens AR coated
Laser technology diode
Focus adjustable

Electrical Parameters

Potential of Housing isolated
Power Supply Power Supply with stripped/tinned wires, Output: 3.3V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3.3W max.

Mechanical Parameters

Size Ø12x34 mm
Material Brass
Cable length 100 mm
Wire type 26AWG, 0,14mm²
Output Aperture 5 mm
Weight 16.5 g

(*) Over the complete operating temperature range

Features



- Operating Voltage 3V DC
- Laser Class 3B
- Compact size
- Adjustable focus
- Isolated housing

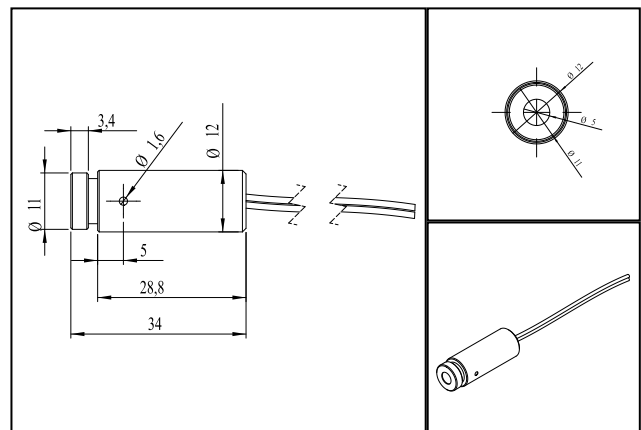
Picture



Cable color

Ground  black GND
Positive  red 2.7 - 3.3, typ 3 V DC

Drawing



Safety Label



Valid Revision

0 | 10-JAN-2011