

Dot laser, red, 635 nm, 1 mW

DD635-1-3(12x25)
Order Number: 70100471

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		1		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	15	26	45	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 2
Divergence D - 0.5 mrad
Beam Diameter 5 mm
Size of Laserdot <3mm@5m
Operating Distance 10 m
Optics glass lens AR coated
Laser technology Single Mode Diode
Focus collimated

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 Ø12x25 mm
Material aluminium
Cable length 100 mm
Wire type Belden, Typ 1007, 26AWG
Output Aperture 5 mm
Housing Color black
Weight 7 g
Stripping of wire 5 mm

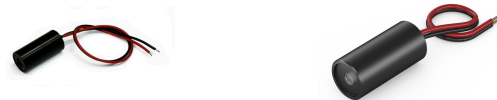
(*) Over the complete operating temperature range

Features



- Operating Voltage 3V DC
- Laser Class 2
- Glas lenses anti reflex coated
- Fixed focus
- Compact size

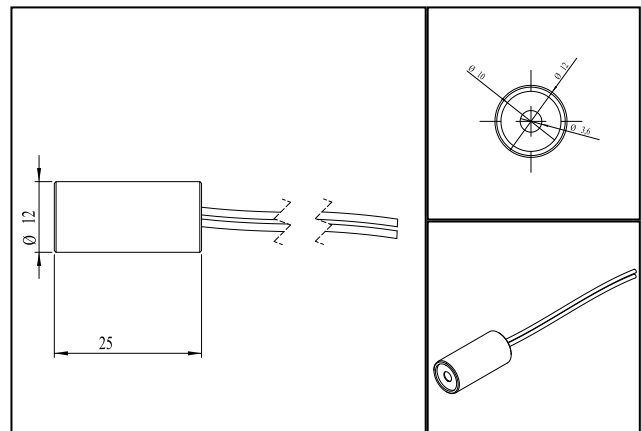
Picture



Cable color

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

Drawing



Safety Label



Valid Revision

0 | 20-MAR-2013