

Dot laser, red, 635 nm, 1 mW

DD635-1-5(12x25)
Order Number: 70107586

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		1		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	15	31	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 <2..3mm@5m
Operating Distance 50 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: 5V DC, Input: 100-240V AC, 50-60Hz, Output Power: 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



- Compact size
- Laser Class 2
- Operating Voltage 5V DC
- Glas lenses anti reflex coated
- Image processing

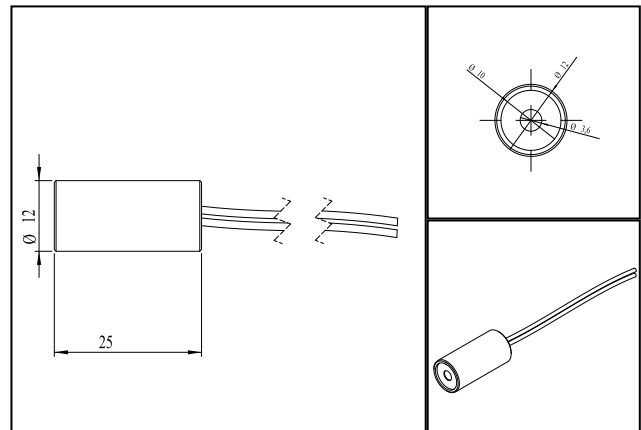
Picture



Cable color

Ground  black GND
Positive  red 4.5 - 5.5, typ 5 V DC

Drawing



Safety Label



Valid Revision

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