

Dot laser, red, 670 nm, 3.5 mW

DD670-3.5-5(11X40)-C150
Order Number: 70166279

Main Parameters (*)	min	typ	max	Unit
Wavelength		670		nm
Optical Output Power		3.5		mW
Operating Voltage	4	5	6	V DC
Operating Current	15	25	80	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	> 5,000 h
RoHS	yes

Optical Parameters

Beam Shape	Dot
Laser Class	3R
Divergence	D - 0.5 mrad
Size of Laserdot	<2..3mm@1m
Operating Distance	50 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	collimated

Electrical Parameters

Potential of Housing	isolated
ESD Protection	yes
Power Supply	Power Supply with stripped/tinned wires, Output: 5V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3W max.

Mechanical Parameters

Size	Ø11x40 mm
Material	aluminium
Cable length	150 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 5V DC
- Laser Class 3R
- Fixed focus
- Compact size

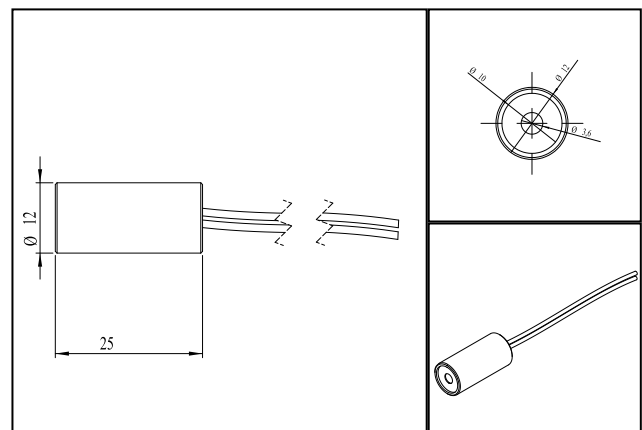
Picture



Cable color

Ground		black	GND
Positive		red	4 - 6, typ 5 V DC

Drawing



Safety Label



Valid Revision

| 05-JUL-2024