

Dot laser, red, 650 nm, 0.9 mW

MD650-0.9-5(12x34)
Order Number: 70135749

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		0.9		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	10	22	40	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	2
Divergence	D - 0.5 mrad
Size of Laserdot	adjustable
Operating Distance	10 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	adjustable

Electrical Parameters

Potential of Housing	isolated
Max. Mod. Frequency	100 kHz

Power Supply
Power Supply with stripped/tinned wires, Output: 5V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3W max.

Mechanical Parameters

Size	Ø12x34 mm
Material	Brass
Cable length	100 mm
Wire type	26AWG, 0,14mm ²
Output Aperture	5 mm
Housing Color	black
Weight	18 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- Adjustable focus
- Low power consumption
- Compact size
- Modulated
- Glas lenses anti reflex coated

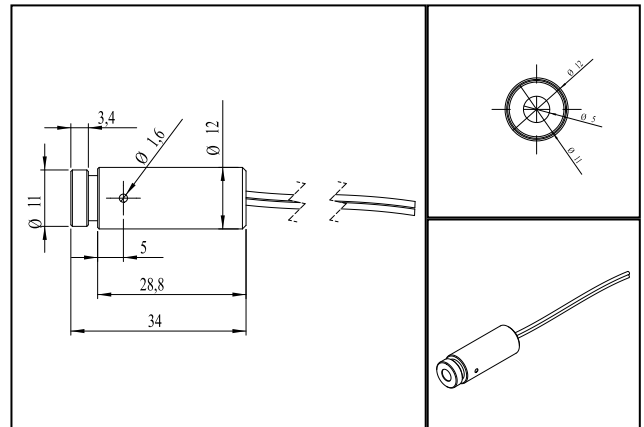
Picture



Cable color

Ground		black	GND
Positive		red	4.5 - 5.5, typ 5 V DC
Modulation		yellow	100 kHz

Drawing



Safety Label



Valid Revision

| 22-FEB-2019