

Dot laser, red, 670 nm, 4 mW

DH670-4-6(12x34)
Order Number: 70108651

Main Parameters (*)	min	typ	max	Unit
Wavelength		670		nm
Optical Output Power		4		mW
Operating Voltage	4.5	6	6.5	V DC
Operating Current	25	35	45	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	H - 1.0 mrad
Size of Laserdot	adjustable
Operating Distance	30 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	adjustable

Electrical Parameters

Potential of Housing	isolated
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Mechanical Parameters

Size	Ø12x34 mm
Material	aluminium
Cable length	100 mm
Wire type	Belden, Typ 1007, 26AWG
Output Aperture	5 mm
Housing Color	black
Weight	17 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- Focusable
- 670nm
- Voltage: 4.5-6V DC
- Small size

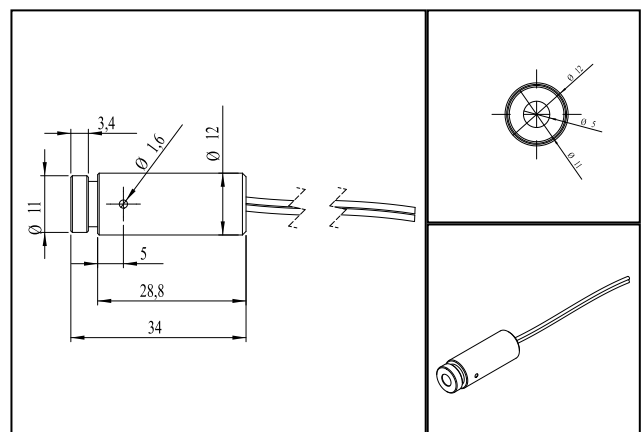
Picture



Cable color

Ground		black	GND
Positive		red	4.5 - 6.5, typ 6 V DC

Drawing



Safety Label



Valid Revision

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