

Dot laser, red, 650 nm, 16 mW

MH650-16-5(14x45)
Order Number: 70101935

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		16		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	80	120	150	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	3B
Divergence	H - 1.0 mrad
Size of Laserdot	adjustable
Operating Distance	200 m
Optics	glass lens AR coated
Laser technology	diode
Focus	adjustable

Electrical Parameters

Potential of Housing	isolated
Max. Mod. Frequency	500 kHz

Mechanical Parameters

Size	Ø14x45 mm
Material	Brass
Cable length	100 mm
Wire type	26AWG, 0,14mm ²
Output Aperture	5 mm
Weight	18 g

(*) Over the complete operating temperature range

Features



- Operating Voltage 5 V DC
- Modulated
- Compact size
- Laser Class 3B
- Adjustable focus

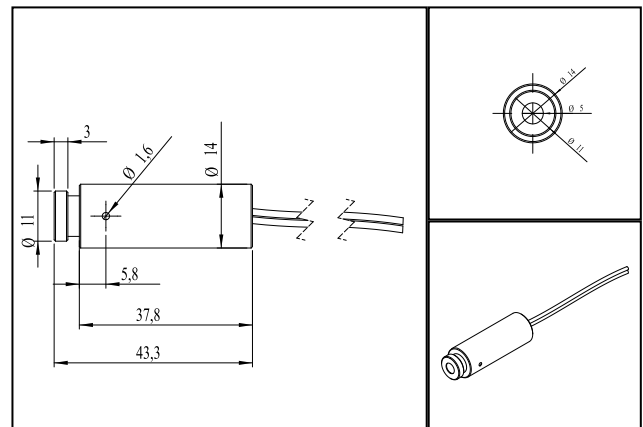
Picture



Cable color

Ground		black	GND
Positive		red	4.5 - 5.5, typ 5 V DC
Modulation		yellow	500 kHz

Drawing



Safety Label



Valid Revision

5 | 09-JAN-2018