

Dot laser, red, 650 nm, 5 mW

AMH650-5-5(14x45)
Order Number: 70112924

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		5		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	15	30	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	3R
Divergence	H - 1.0 mrad
Size of Laserdot	adjustable
Operating Distance	10 m
Optics	glass lens AR coated
Laser technology	diode
Focus	adjustable

Electrical Parameters

Potential of Housing	isolated
Max. Mod. Frequency	50 kHz

Mechanical Parameters

Size	Ø14x45 mm
Material	aluminium
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 5V DC
- Glas lenses anti reflex coated
- Adjustable focus
- Modulated
- Laser Class 3R

Picture



Cable color

Ground		black	GND
Positive		red	4,5 - 5,5, typ 5 V DC
Modulation		yellow	50 kHz

Safety Label



Valid Revision

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