

Dot laser, red, 650 nm, 10 mW

AMH650-10-5(14x45)
Order Number: 70106787

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		10		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	25	50	75	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	100 m
Optics	glass lens AR coated
Laser technology	diode
Focus	adjustable

Electrical Parameters

Potential of Housing	isolated
Max. Mod. Frequency	10 kHz
Power Supply	LFNT-5

Mechanical Parameters

Size	Ø14x45 mm
Material	aluminium
Cable length	100 mm
Wire type	26AWG, 0,14mm ²
Output Aperture	5 mm
Weight	20 g
PCB	yes
PCB size	40x25x10 mm

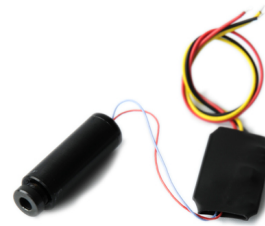
(*) Over the complete operating temperature range

Features






- Operating Voltage 5 V DC
- Glas lenses anti reflex coated
- Adjustable focus
- Modulated
- Laser Class 3B

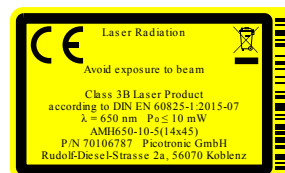
Picture



Cable color

Ground		black	GND
positive		red	4.5 - 5.5, typ 5 V DC
modulation		yellow	10 kHz

Safety Label



Valid Revision

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