

Dot laser, red, 650nm, 5mW

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

Technical Parameters

Lifetime	>5000h
RoHS	yes

Optical Parameters

Beam Shape	Dot
Laser Class	3R
Divergence	H - 1.0mrad
Size of Laserdot	adjustable
Operating Distance	10m
Optics	glass lens AR coated
Laser technology	diode
Focus	adjustable

Electrical Parameters

Potential of Housing	isolated
Max. Mod. Frequency	50Kilohertz

Mechanical Parameters

Size	Ø14x45mm
Material	aluminium
Cable length	100mm
Wire type	26AWG, 0,14mm ²
Output Aperture	5mm
Weight	18g

(*) Over the complete operating temperature range

Features



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

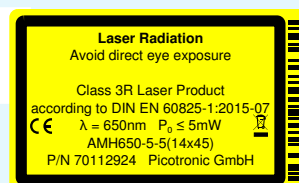
Picture



Cable Colors

Ground		black	GND
Positive		red	4.5 - 5.5, typ 5V DC
Modulation		yellow	50Kilohertz

Safety Label



Revision

REV 10 | 10-JAN-2012