

Dot laser, red, 655 nm, 0.9 mW

MDD650-0.9-5(14x30)-AP
Order Number: 70117226

Main Parameters (*)	min	typ	max	Unit
Wavelength	645	655	660	nm
Optical Output Power	0.7	0.9	1	mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current		30		mA
Operating Temperature	-10		50	°C
Storage Temperature	-40		60	°C

Main Data

Warranty 1 years

Technical Parameters

Lifetime > 50,000 h
RoHS yes

Optical Parameters

Beam Shape	Dot
Laser Class	2
Divergence	D - 0.5 mrad
Beam Diameter	3mm
Operating Distance	10m
Optics	glass lens AR coated
Laser technology	diode
Opt. Power Stability at const. Temp.	< 1%
Axial Divergence	± 2°
Focus	collimated

Electrical Parameters

Rise Time	< 10 ms
Potential of Housing	isolated
ESD Protection	IEC 61000-4-2
Max. Mod. Frequency	0.1 kHz

Mechanical Parameters

Size Ø14x30 mm

Material	aluminium
Cable length	200 mm
Wire type	26AWG, 0,14mm ²
Output Aperture	3 mm
Housing Color	black
Weight	11.3 g

(*) Over the complete operating temperature range

Features



- Operating Voltage 5V DC
- Laser Class 2
- Image processing
- Glas lenses anti reflex coated
- Uniform illumination

Picture



Cable color

Ground		blue	GND
Positive		red	4.5 - 5.5, typ 5 V DC

Safety Label



Valid Revision

1 | 23-JAN-2020