

Dot laser, red, 650 nm, 10 mW

DOE-QD650-10-6(10x24)-ADJ
Order Number: 70135596

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power	5	10	15	mW
Operating Voltage	3	6	6	V DC
Operating Current	15	30	50	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty 1 years

Technical Parameters

Lifetime >3,000 h
RoHS yes

Optical Parameters

Beam Shape	Dot
Laser Class	3B
Divergence	H - 1.0 mrad
Size of Laserdot	adjustable
Operating Distance	10 m
Optics	acryl lense
Laser technology	Single Mode Diode
Focus	adjustable

Electrical Parameters

Potential of Housing VDD(+)

Mechanical Parameters

Size	Ø10x24 mm
Material	Brass
Cable length	100 mm
Wire type	26AWG, 0,14mm ²
Output Aperture	3 mm
Housing Color	brass
Weight	8.5 g

Stripping of wire 5 mm

(*) Over the complete operating temperature range

Features



- DOE optimized
- Laserclass depends on DOE
- Compact size
- Wide operating voltage
- Low cost

Picture



Cable color

Ground		black	GND
Positive		red	3 - 6, typ 6 V DC

Safety Label



Valid Revision

| 04-JAN-2021