

Dot laser, red, 650 nm, 0.4 mW

DI650-0.4-5(5x12)-NO-CON
Order Number: 70123807

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		0.4		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	7	13	30	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	> 5,000 h
RoHS	yes

Optical Parameters

Beam Shape	Dot
Laser Class	1
Divergence	1 - 1.5 mrad
Beam Diameter	3 mm
Size of Laserdot	3..4mm@5m
Operating Distance	10 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	collimated

Electrical Parameters

Potential of Housing	GND(-)
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Mechanical Parameters

Size	Ø5x12 mm
Material	Brass
Cable length	40 mm

Wire type	26AWG, 0,14mm²
Housing Color	black
Weight	2 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



Picture



Cable color

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

Safety Label



Valid Revision

| 23-JAN-2020