

Dot laser, red, 650 nm, 0.4 mW

DC650-0.4-24(12x45)-C5000
Order Number: 70120462

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		0.4		mW
Operating Voltage	23	24	24.3	V DC
Operating Current	2	5	10	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	C - 0.4 mrad
Beam Diameter	3 mm
Size of Laserdot	<4mm@5m
Operating Distance	10 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Protection Lens	no
Focus	collimated

Electrical Parameters

Potential of Housing	isolated
Stripping of cable cover	50 mm

Mechanical Parameters

Size	Ø12x45 mm
Material	aluminium
Cable length	5,000 mm

Wire type	24AWG, black, 3mm
Output Aperture	3.5 mm
Housing Color	black
Weight	105 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- Operating Voltage 24 V DC
- Laser Class 1
- Low power consumption
- Compact size

Picture



Cable color

Ground		black	GND
Positive		white	23 - 24.3, typ 24 V DC

Safety Label



Valid Revision

| 30-SEP-2020