

Dot laser, red, 635 nm, 0.9 mW

DD635-0.9-24(12x45)
Order Number: 70120677

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power	0.75	0.9	0.95	mW
Operating Voltage	23.5	24	24.5	V DC
Operating Current	5	10	20	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	> 10,000 h
RoHS	yes

Optical Parameters

Beam Shape	Dot
Laser Class	2
Divergence	D - 0.5 mrad
Beam Diameter	1.5 mm
Size of Laserdot	<2mm@2m
Operating Distance	10 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	collimated

Electrical Parameters

Potential of Housing	isolated
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Mechanical Parameters

Size	Ø12x45 mm
Material	aluminium
Cable length	100 mm
Wire type	26AWG, 0,14mm ²

Output Aperture	1.5 mm
Housing Color	black
Weight	30 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- Small fan angle
- Low power consumption
- Glass lenses AR coated

Picture



Cable color

Ground		black	GND
Positive		red	23.5 - 24.5, typ 24 V DC

Safety Label



Valid Revision

| 16-APR-2019