Dot laser, green, 520 nm, 0.4 mW

DC520-0.4-24(12x45)QCW-C10000
Order Number: 70132212

Main Parameters (*)	min	typ	max	Unit
Wavelength	510	520	530	nm
Optical Output Power		0.4		mW
Operating Voltage	23	24	24.3	V DC
Operating Current	8	10	15	mA
Operating Temperature	-10		60	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years

Technical Parameters

Lifetime	> 6,000 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
internal modulation frequency	1 kHz

Electrical Parameters

Potential of Housing	isolated
Stripping of cable cover	50 mm

Mechanical Parameters

Size	Ø12x45 mm
Material	aluminium
Cable length	10,000 mm
Wire type	24AWG, black, 3mm
Output Aperture	3.5 mm
Housing Color	black
Weight	150 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features

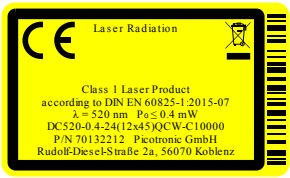
- Operating Voltage 24 V DC
- Laser Class 1
- Low power consumption
- Compact size

Picture

Cable color

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

Saftey Label



Valid Revision

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