

Dot laser, green, 520 nm, 0.7 mW

DE520-0.7-5(7x26)
Order Number: 70141092

Main Parameters (*)	min	typ	max	Unit
Wavelength	510	520	530	nm
Optical Output Power		0.7	0.9	mW
Optical Diode Power	0.5			mW
Operating Voltage	3	5	6	V DC
Operating Current	50	70	100	mA
Operating Temperature	-20		60	°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	E - 0.6 mrad
Beam Diameter	7 mm
Size of Laserdot	3.4mm@2m
Operating Distance	10 m
Optics	glass lens AR coated
Laser technology	diode
Focus	collimated

Electrical Parameters

Power Supply	LFNT-5
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Mechanical Parameters

Size	Ø7x26 mm
Material	Stainless Steel
Cable length	115 mm
Wire type	26AWG, UL, isolated
Output Aperture	4.3 mm
Housing Color	silver

Weight	3.8 g
Protection Class	IP 54
Stripping of wire	3 mm

(*) Over the complete operating temperature range

Features



- Compact size
- Laser Class 2
- Operating Voltage 5 V DC

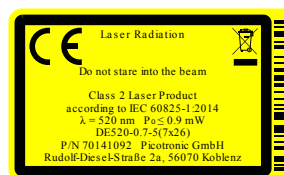
Picture



Cable color

Ground		black	GND
Positive		red	3 - 6, typ 5 V DC

Safety Label



Valid Revision

| 04-JUL-2024