

Dot laser, green, 520 nm, 4 mW

MDD520-4-5-F(12x50)-C150-CON
Order Number: 70138085

Main Parameters (*)	min	typ	max	Unit
Wavelength		520		nm
Optical Output Power	3	4	5	mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	15	50	70	mA
Operating Temperature	-10		60	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	>6,000 h
RoHS	yes

Optical Parameters

Beam Shape	Dot
Laser Class	3R
Divergence	D - 0.5 mrad
Size of Laserdot	adjustable
Operating Distance	100 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	adjustable
internal modulation frequency	1 kHz

Electrical Parameters

Potential of Housing	isolated
Connector	JST

Mechanical Parameters

Size	Ø12x50 mm
Material	aluminium
Cable length	150 mm
Wire type	28AWG, Typ 1571

Output Aperture	5 mm
Housing Color	black
Weight	13 g

(*) Over the complete operating temperature range

Features



- Isolated housing
- Laser Class 3R
- Compact size
- Anti-reflex coating

Picture



Cable color

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

Safety Label



Valid Revision

| 05-APR-2019