

Dot laser, red, 670 nm, 3 mW

DE670-3-5(10X30)-F56
Order Number: 70154290

Main Parameters (*)	min	typ	max	Unit
Wavelength	665	670	675	nm
Optical Output Power	2	3	5	mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current		50		mA
Operating Temperature	-20		60	°C
Storage Temperature	-40		85	°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	3R
Divergence	E - 0.6 mrad
Beam Diameter	4 mm
Size of Laserdot	<23µm (@0,056m)
Operating Distance	0.056 m
Optics	glass lens AR coated
Laser technology	diode
Focus	fixed (56.0m)

Electrical Parameters

ESD Protection	yes
Power Supply	Power Supply with stripped/tinned wires, Output: 5V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3W max.

Mechanical Parameters

Size	Ø10x30 mm
Material	aluminium

Cable length	200 mm
Wire type	28AWG
Output Aperture	4 mm
Housing Color	black
Weight	9 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



Picture



Cable color

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

Safety Label



Valid Revision

| 14-FEB-2022