

Dot laser, red, 670 nm, 5 mW

DI670-5-3(8X21)
Order Number: 70158854

Main Parameters (*)	min	typ	max	Unit
Wavelength		670		nm
Optical Output Power		5		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	20	35	55	mA
Operating Temperature	-10		40	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	> 8,000 h
RoHS	yes
FDA registration	yes

Optical Parameters

Beam Shape	Dot
Laser Class	3R
Divergence	1 - 1.5 mrad
Operating Distance	40 m
Optics	glass lens AR coated
Laser technology	diode
Focus	collimated

Electrical Parameters

Power Supply	Power Supply with stripped/tinned wires, Output: 3.3V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3.3W max.
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Mechanical Parameters

Size	Ø8x21 mm
Material	Brass

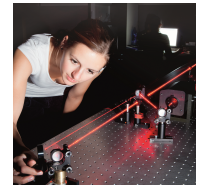
Cable length	100 mm
Wire type	26AWG, 0,14mm²
Output Aperture	2 mm
Weight	17 g

(*) Over the complete operating temperature range

Features



Picture



Cable color

Ground		black	GND
Positive		red	2.7 - 3.3, typ 3 V DC

Safety Label



Valid Revision

| 18-SEP-2024