

Dot laser, red, 635 nm, 5 mW

DD635-5-3(12x38)-F365-AP
Order Number: 70118094

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		5		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	30	60	90	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	> 5,000 h
RoHS	yes

Optical Parameters

Beam Shape	Dot
Laser Class	3R
Divergence	D - 0.5 mrad
Size of Laserdot	0.3mm@0.365m
Operating Distance	0.365 m
Optics	glass lens AR coated
Laser technology	diode
Axial Divergence	± 0.3°
Focus	fixed (365mm)

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	Ø12x38 mm
Material	aluminium
Cable length	100 mm
Wire type	26AWG, 0,14mm ²
Output Aperture	5 mm
Housing Color	black
Weight	9.5g

(*) Over the complete operating temperature range

Features



- Operating Voltage 3V DC
- Adjustable focus
- Compact size
- Glas lenses anti reflex coated
- Axial parallel

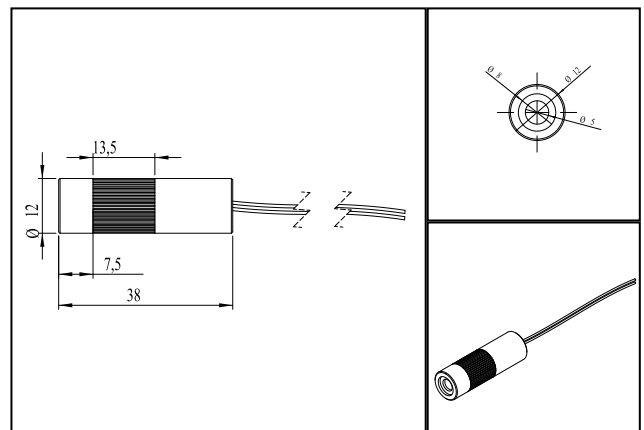
Picture



Cable color

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

Drawing



Safety Label



Valid Revision

| 27-AUG-2019