

## Dot laser, red, 635 nm, 0.3 mW

DN635-0.3-5(10.6x12.2)-F200  
Order Number: 70140958

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power	0.2	0.3	0.39	mW
Operating Voltage	3	5	6	V DC
Operating Current	10	30	40	mA
Operating Temperature	-10		50	°C
Storage Temperature	-20		60	°C

### Main Data

Warranty 1 years

### Technical Parameters

Lifetime >10000 h  
RoHS yes

### Optical Parameters

Beam Shape	Dot
Laser Class	1
Divergence	N - 4.0 mrad
Size of Laserdot	0.13x0.05mm@0.2m
Operating Distance	0.2 m
Optics	acryl lense
Laser technology	diode
Focus	fixed (200mm)

### Electrical Parameters

Potential of Housing VDD(+)  
Power Supply LFNT-5

### Mechanical Parameters

Size	Ø10.6x12.2 mm
Material	Brass
Cable length	115 mm
Wire type	26AWG, UL, isolated
Output Aperture	5 mm
Housing Color	brass
Weight	5 g
Stripping of wire	3 mm

(\*) Over the complete operating temperature range

### Features



- Compact size
- Laser Class 1
- Low power consumption
- Operating Voltage 3-6V DC

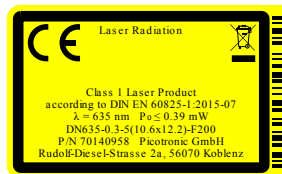
### Picture



### Cable color

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

### Safety Label



### Valid Revision

| 09-MAR-2021