

## Dot laser, red, 635 nm, 2 mW

DA635-2-3(13x43.5)-F40000-C127  
Order Number: 70129618

Main Parameters (*)	min	typ	max	Unit
Wavelength	630	635	645	nm
Optical Output Power	1.5	2	2.5	mW
Operating Voltage	2.6	3	5	V DC
Operating Current	20	25	35	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		70	°C

### Main Data

Warranty 1 years

### Technical Parameters

Lifetime >5,000 h  
RoHS yes

### Optical Parameters

Beam Shape	Dot
Laser Class	3R
Divergence	0.2 mrad
Size of Laserdot	<16mm@40m
Operating Distance	40 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (40.0m)

### Electrical Parameters

Potential of Housing VDD(+)  
ESD Protection yes

### Mechanical Parameters

Size	Ø13x43.5 mm
Material	Brass
Cable length	127 mm

Wire type	26AWG, UL, isolated
Housing Color	brass
Weight	27.2 g
Stripping of wire	3 mm

(\*) Over the complete operating temperature range



### Features



### Picture



### Cable color

Ground		black	GND
Positive		red	2.6 - 5, typ 3 V DC

### Safety Label



### Valid Revision

| 16-FEB-2018