

Dot laser, red, 650 nm, 2 mW

DA650-2-3(13x43.5)-F40000-C127
Order Number: 70131499

Main Parameters (*)	min	typ	max	Unit
Wavelength	645	650	655	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
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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



- Dot Lasermodule
- Compact size
- 3-5V DC
- Ultra far red dot

Picture



Cable color

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

Safety Label



Valid Revision

| 25-SEP-2020