

Dot laser, red, 650 nm, 1 mW

DC650-1-5(11x22)-AP
Order Number: 70146684

Main Parameters (*)	min	typ	max	Unit
Wavelength	645	650	655	nm
Optical Output Power	0.85	1	1	mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current		35		mA
Operating Temperature	-20		60	°C
Storage Temperature	-40		80	°C

Main Data

Warranty 1 years

Technical Parameters

Lifetime > 10,000 h
RoHS yes

Optical Parameters

Beam Shape	Dot
Laser Class	2M
Divergence	C - 0.4 mrad
Size of Laserdot	4x2mm (@150mm)
Operating Distance	2m
Optics	glass lens AR coated
Laser technology	diode
Axial Divergence	±0.15°
Focus	fixed (150mm)

Electrical Parameters

Potential of Housing	isolated
Power Supply	Power Supply with stripped/tinned wires, Output: 5V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3W max.

Mechanical Parameters

Size	Ø11x22 mm
Material	Stainless Steel

Cable length	300 mm
Wire type	28AWG, Typ 1571
Output Aperture	4 mm
Weight	9g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- Compact size
- Laser Class 2M
- Operating Voltage 5V DC
- Low power consumption

Picture



Cable color

Ground		black	GND
Positive		red	4.5 - 5.5, typ 5 V DC

Safety Label



Valid Revision

| 28-APR-2020