

Dot laser, red, 650 nm, 1 mW

DC650-1-5(7x21)
Order Number: 70135008

Main Parameters (*)	min	typ	max	Unit
Wavelength	645	650	665	nm
Optical Output Power	0.6	1	1	mW
Operating Voltage	2.6	4.5	5	V DC
Operating Current	15	25	35	mA
Operating Temperature	15		30	°C
Storage Temperature	-20		60	°C

Main Data

Warranty 1 years

Technical Parameters

Lifetime > 10,000 h
RoHS yes

Optical Parameters

Beam Shape	Dot
Laser Class	2
Divergence	E - 0.6 mrad
Size of Laserdot	6..7mm@5m
Operating Distance	5m
Optics	acryl lense
Laser technology	Single Mode Diode
Focus	collimated

Electrical Parameters

Potential of Housing VDD(+)
Connector JST ZHR 2 2pol 1.5mm Pitch

Mechanical Parameters

Size	Ø7x21 mm
Material	aluminium
Cable length	127 mm

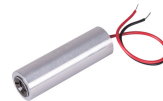
Wire type	26AWG, 0,14mm ²
Output Aperture	5.5 mm
Housing Color	silver
Weight	3.5g

(*) Over the complete operating temperature range

Features



Picture



Cable color

Ground		black	GND
Positive		red	2.6 - 5, typ 4.5 V DC

Safety Label



Valid Revision

| 25-MAY-2020