

Dot laser, red, 635 nm, 1 mW

DD635-1-6(12x50)-WP
Order Number: 70147247

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		1		mW
Operating Voltage	5	6	6.5	V DC
Operating Current	3	10	45	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty 1 years

Technical Parameters

Lifetime > 5,000 h
RoHS yes

Optical Parameters

Beam Shape	Dot
Laser Class	2
Divergence	D - 0.5 mrad
Beam Diameter	5 mm
Size of Laserdot	4..6mm@10
Operating Distance	10 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	collimated

Electrical Parameters

Potential of Housing	isolated
Stripping of cable cover	50 mm

Mechanical Parameters

Size	Ø12x50 mm
Material	aluminium
Cable length	200 mm
Wire type	22AWG, black, 3,6mm

Output Aperture	5 mm
Housing Color	black
Weight	250 g
Protection Class	IP67
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features





- Operating Voltage 6 V DC
- Compact size
- Isolated housing
- Laser Class 2
- Waterproof IP67

Picture



Cable color

Ground		black	GND
Positive		white	5 - 6.5, typ 6 V DC

Safety Label



Valid Revision

| 26-MAY-2020