

Dot laser, red, 635 nm, 0.7 mW

DP635-0.7-5(10.6x12.2)-F50
Order Number: 70140859

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power	0.5	0.7	0.9	mW
Operating Voltage	3	5	6	V DC
Operating Current	15	30	40	mA
Operating Temperature	-10		50	°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 P - 5.0 mrad
Size of Laserdot 0.04x0.02mm@0.05m
Operating Distance 0.05 m
Optics acryl lense
Laser technology diode
Focus fixed (50mm)

Electrical Parameters

Potential of Housing VDD(+)
Power Supply LFNT-5

Mechanical Parameters

Size Ø10.6x12.2 mm
Material Brass
Cable length 115 mm
Wire type 26AWG, UL, isolated
Output Aperture 5 mm
Housing Color brass
Weight 5 g
Stripping of wire 3 mm

(*) Over the complete operating temperature range

Features



- Compact size
- Laser Class 2
- Low power consumption
- Operating Voltage 3-6V DC

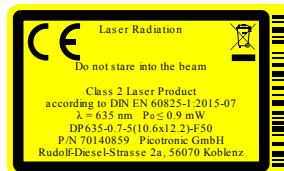
Picture



Cable color

Ground  black GND
positive  red 3 - 6, typ 5 V DC

Safety Label



Valid Revision

| 08-DEC-2021