

Dot laser, red, 650 nm, 0.4 mW

DI650-0.4-3(5x12)
Order Number: 70121315

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		0.4		mW
Operating Voltage		3		V DC
Operating Current	5	22	35	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 1
Divergence 1 - 1.5 mrad
Beam Diameter 3 mm
Size of Laserdot 3.4mm@5m
Operating Distance 10 m
Optics glass lens AR coated
Laser technology Single Mode Diode
Focus collimated

Electrical Parameters

Power Supply Power Supply with stripped/tinned wires, Output: 3.3V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3.3W max.

Mechanical Parameters

Size Ø5x12 mm
Material Brass
Cable length 100 mm
Wire type 26AWG, 0,14mm²
Housing Color black
Weight 2 g
Stripping of wire 5 mm

(*) Over the complete operating temperature range



Features



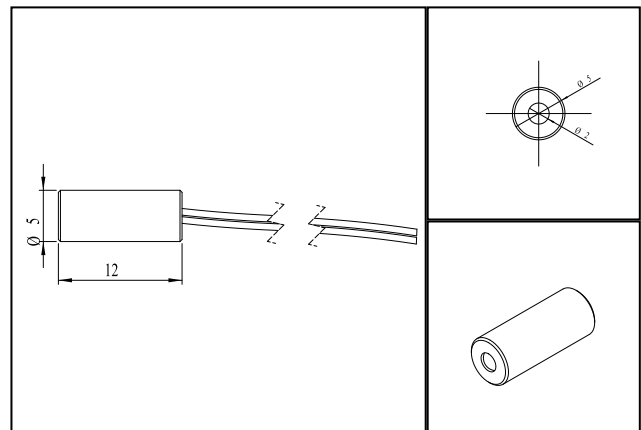
Picture



Cable color

Ground  blue GND
Positive  red 3 V DC

Drawing



Safety Label



Valid Revision

| 14-AUG-2024