

Dot laser, infrared, 850 nm, 45 mW

E850-45-5(22x27)
Order Number: 70141184

Main Parameters (*)	min	typ	max	Unit
Wavelength	840	850	860	nm
Optical Output Power	40	45	49	mW
Operating Voltage	4	5	6	V DC
Operating Current	80	95	110	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 1M
Size of Laserdot 2m@10m
Operating Distance 10 m
Optics glass lens AR coated
Laser technology Multi Mode Diode
Focus fixed (10.0m)

Electrical Parameters

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

Mechanical Parameters

Size Ø22x27 mm
Material Brass
Cable length 115 mm
Output Aperture 12.5 mm
Housing Color brass
Weight 50 g

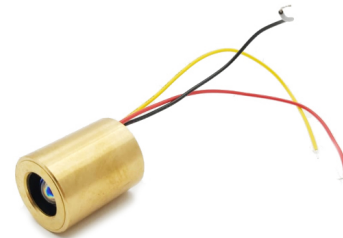
(*) Over the complete operating temperature range

Features



- Operating Voltage 5 V DC
- Compact size
- Laser Class 1M
- High Power

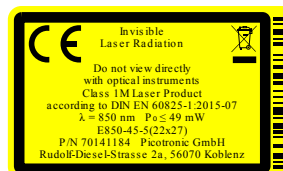
Picture



Cable color

Ground  black GND
positive  red 4 - 6, typ 5 V DC

Safety Label



Valid Revision

| 08-APR-2021