

Dot laser, green, 532 nm, 50 mW

DD532-50-5(85x50x40)
Order Number: 70101461

Main Parameters (*)	min	typ	max	Unit
Wavelength		532		nm
Optical Output Power		50		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	250	450	600	mA
Operating Temperature	15		30	°C
Storage Temperature	-40		80	°C

Technical Parameters

Lifetime	>5000 h
RoHS	yes

Optical Parameters

Beam Shape	Dot
Laser Class	3B
Divergence	D - 0.5 mrad
Beam Diameter	3.5 mm
Size of Laserdot	4mm@10m
Operating Distance	100 m
Optics	glass lens AR coated
Beam Mode	TEM00
Laser technology	YVO4+KTP
Stability	+/- 20% @ 15-30°C
Focus	collimated
Warm up time	<15 min

Electrical Parameters

Potential of Housing	isolated
Power Supply	LFNT-5

Mechanical Parameters

Size	85x50x40 mm
Material	aluminium
Cable length	100 mm
Output Aperture	5 mm
Weight	297 g

(*) Over the complete operating temperature range

Features



- High Power
- External pcb
- Operating Voltage 5 V DC
- Laser Class 3B
- Glas lenses anti reflex coated

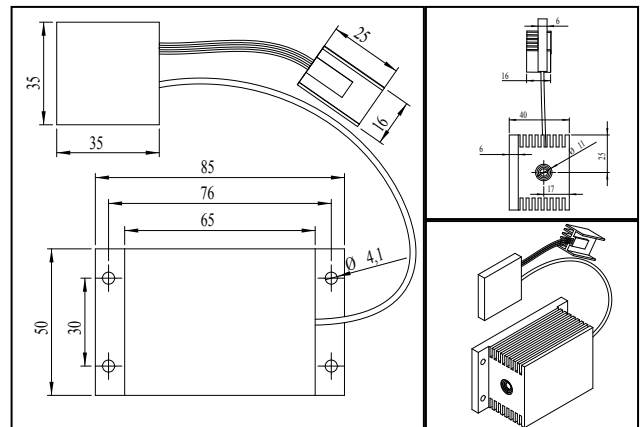
Picture



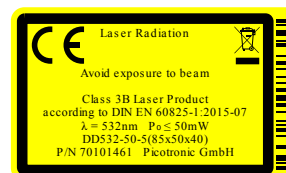
Cable color

Ground		blue	GND
Positive		red	4.5 - 5.5, typ 5 V DC

Drawing



safety label



Valid Revision

REV 14 | 09-DEC-2010