

Dot laser, green, 532nm, 1mW

DD532-1-3-F(12x50)

Order Number: 70125764

Main Parameters (*)	min	typ	max	Unit
Wavelength		532		nm
Optical Output Power		1		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	50	150	300	mA
Operating Temperature	15		30	°C
Storage Temperature	-40		80	°C

Technical Parameters

Lifetime	>5000h
RoHS	yes

Optical Parameters

Beam Shape	Dot
Laser Class	2M
Divergence	D - 0.5mrad
Size of Laserdot	adjustable
Operating Distance	50m
Optics	glass lens AR coated
Beam Mode	TEM00
Laser technology	Solid State (YVO4+KTP)
Stability	+/- 20% @ 15-30 °C
Focus	adjustable
Warm up time	<15min

Electrical Parameters

Potential of Housing	isolated
Power Supply	LFNT-3

Mechanical Parameters

Size	Ø12x50mm
Material	aluminium
Cable length	100mm
Wire type	26AWG, 0,14mm ²
Output Aperture	3.5mm
Housing Color	black
Weight	16g
Stripping of wire	5mm

(*) Over the complete operating temperature range

Features





- Laser Class 2M
- Operating Voltage 3V DC
- Compact size
- Glas lenses anti reflex coated
- Adjustable focus

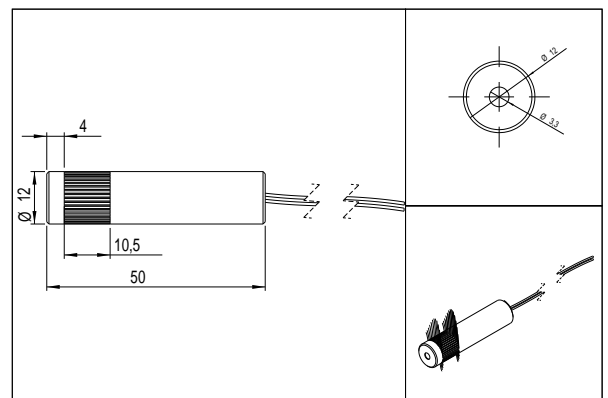
Picture



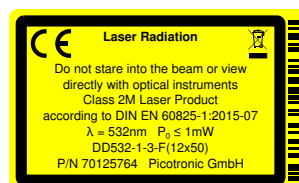
Cable Colors

Ground		blue	GND
Positive		red	2.7 - 3.3, typ 3V DC

Drawing



Safety Label



Revision

| 08-JAN-2018