

Doe laser, green, 532 nm, 15°, 5 mW

DOE289-532-5-3-F(12X55)
Order Number: 70181692

Main Parameters (*)	min	typ	max	Unit
Wavelength		532		nm
Optical Output Power		5		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	150	300	450	mA
Operating Temperature	15		30	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	> 10,000 h
RoHS	yes

Optical Parameters

Beam Shape	DOE
Laser Class	2M
Divergence	D - 0.5 mrad
Fan Angle	15°
Operating Distance	10 m
Optics	glass lens AR coated
Beam Mode	TEM00
Laser technology	Solid State (YVO4+KTP)
Stability	+/- 20% @ 15-30°C
Focus	adjustable
Warm up time	< 15 min

Electrical Parameters

Connector	2.5 mm DC socket (GND pole inner)
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Mechanical Parameters

Size	Ø12x55 mm
Material	aluminium
Cable length	200 mm
Output Aperture	5 mm
Weight	22 g

DOE

Alpha	15°
Diameter (without holder)	8 mm

Width (without Holder)	1.2 mm
Material	PC

(*) Over the complete operating temperature range

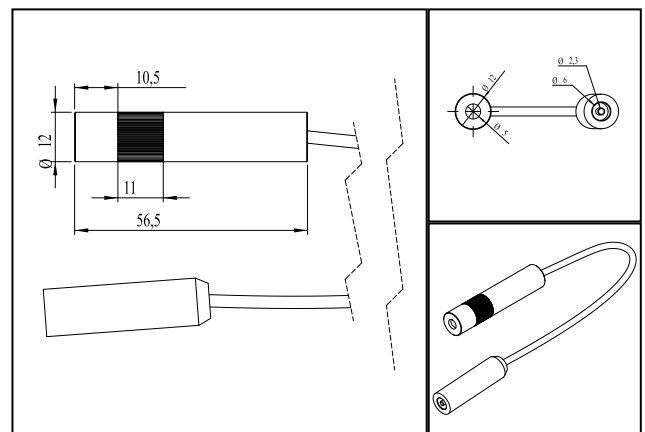
Features



Picture



Drawing



Safety Label



Valid Revision

| 25-OCT-2024