Doe laser, infrared, 980 nm, 5 mW

DOE258-980-5-3(12x38)
Order Number: 70127041

Main Parameters (*)	min	typ	max	Unit
Wavelength		980		nm
Optical Output Power		5		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	15	30	45	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	DOE
Laser Class	3R
Divergence	D - 0.5 mrad
Operating Distance	1 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	adjustable

Electrical Parameters	
Potential of Housing	isolated
Power Supply	LFNT-3

Mechanical Parameters	
Size	Ø12x38 mm
Material	aluminium
Cable length	100 mm
Wire type	26AWG, 0,14mm²
Output Aperture	5 mm
Housing Color	black
Weight	9.5 g

(*) Over the complete operating temperature range

Features

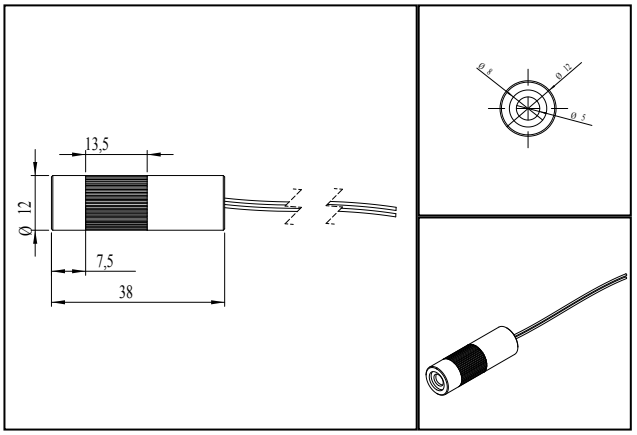
- Operating Voltage 3 V DC
- Laser Class 3R
- DOE Laser
- Compact size
- Adjustable focus

Picture

Cable color

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

Drawing



Saftey Label

Valid Revision

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