

Red DOE Lasermodule

DD635-1-3(12x38)-DOE-C1500

Order Number: 70121988

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		1		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

Optical Parameters

Beam Shape	DOE
Laser Class	2
Divergence	0.5mrad
Operating Distance	10m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	adjustable

Technical Parameters

Lifetime	>5000h
RoHS	yes

Electrical Parameters

Potential of Housing	isolated
Power Supply	LFNT-3

Mechanical Parameters

Size	Ø12x38mm
Material	aluminium
Cable length	1500mm
Wire type	18AWG, black, 3,6mm
Output Aperture	5mm
Housing Color	black
Weight	20g
Stripping of wire	5mm
Stripping of cable cover	50mm



(*) Over the complete operating temperature range

Features

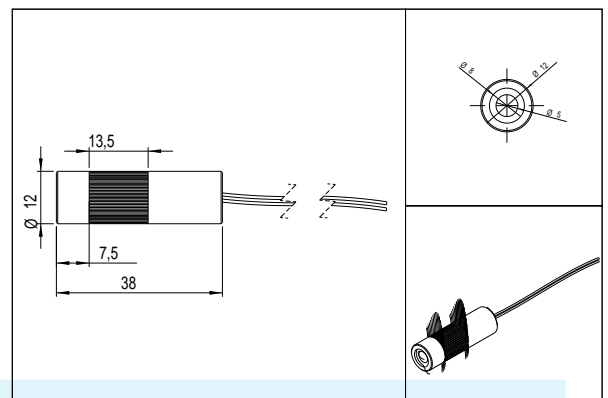
Picture



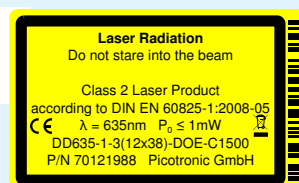
Cable Colors

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

Drawing



Safety Label



Revision

| 13-OCT-2014