

Doe laser, red, 635nm, 1mW

DD635-1-3(12x38)-DOE

Order Number: 70114713

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	28	45	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Technical Parameters

Lifetime	>5000h
RoHS	yes

Optical Parameters

Beam Shape	DOE
Laser Class	2
Divergence	D - 0.5mrad
Operating Distance	10m
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	Ø12x38mm
Material	aluminium
Cable length	100mm
Wire type	Belden, Typ 1007, 26AWG
Output Aperture	5mm
Housing Color	black
Weight	9.5g
Stripping of wire	5mm

(*) Over the complete operating temperature range



Features



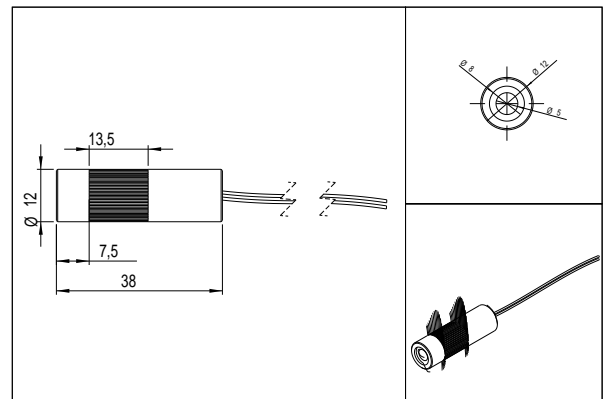
Picture



Cable Colors

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

Drawing



Safety Label



Revision

REV 1 | 14-JAN-2016