

Red Line Lasermodule

LC635-5-3-F(14x45)

Order Number: 70104608

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		5		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	25	54	75	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Optical Parameters

Beam Shape	Line
Laser Class	1
Divergence	0.4mrad
Fan Angle	90°
Line Thickness	adjustable
Operating Distance	2m
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	Ø14x45mm
Material	aluminium
Cable length	100mm
Wire type	Belden, Typ 1007, 26AWG
Output Aperture	6mm
Housing Color	black
Weight	15g
Stripping of wire	5mm

(*) Over the complete operating temperature range

Features





- Operating Voltage 3V DC
- Uniform line thickness
- Compact size
- Laser Class 1
- Adjustable focus

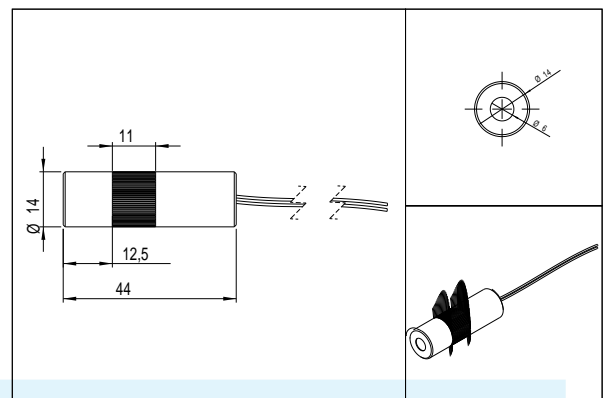
Picture



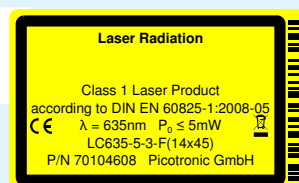
Cable Colors

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

Drawing



Safety Label



Revision

REV 14 | 01-SEP-2014