

Blue Line Lasermodule

LE405-5-5-F(14x60)

Order Number: 70112733

Main Parameters (*)	min	typ	max	Unit
Wavelength		405		nm
Optical Output Power		5		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	30	54	85	mA
Operating Temperature	-10		40	°C
Storage Temperature	-40		70	°C

Optical Parameters

Beam Shape	Line
Laser Class	1
Divergence	0.6mrad
Fan Angle	90°
Line Thickness	adjustable
Operating Distance	3m
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-5

Mechanical Parameters

Size	Ø14x60mm
Material	aluminium
Cable length	100mm
Wire type	26AWG, 0,14mm ²
Output Aperture	4mm
Housing Color	black
Weight	18g
Stripping of wire	5mm

(*) Over the complete operating temperature range

Features



- Operating Voltage 5V DC
- Laser Class 1
- Adjustable focus
- Low power consumption

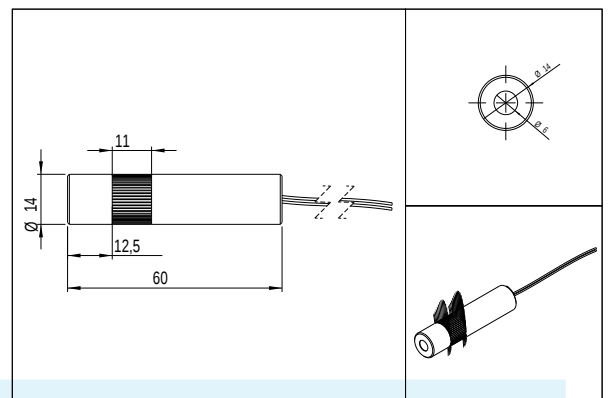
Picture



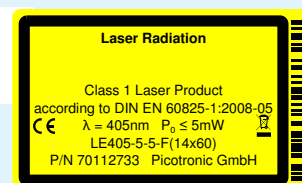
Cable Colors

Ground		black	GND
Positive		red	4.5 - 5.5, typ 5V DC

Drawing



Safety Label



Revision

REV 15 | 06-AUG-2014