

Red Line Lasermodule

LC650-16-3-F(14x55)

Order Number: 70106336

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		16		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	40	75	115	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Optical Parameters

Beam Shape	Line
Laser Class	2
Divergence	0.4mrad
Fan Angle	90°
Line Thickness	adjustable
Operating Distance	5m
Optics	glass lens AR coated
Laser technology	Diode
Focus	adjustable

Technical Parameters

Lifetime	>5000h
RoHS	yes

Electrical Parameters

Potential of Housing	isolated
Power Supply	LFNT-3

Mechanical Parameters

Size	Ø14x55mm
Material	Aluminium
Cable length	100mm
Wire type	26AWG, 0,14mm ²
Output Aperture	3.5mm
Weight	16.5g

(*) Over the complete operating temperature

Features



- Image processing
- Adjustable focus
- Laser Class 2
- Compact size
- Uniform line thickness

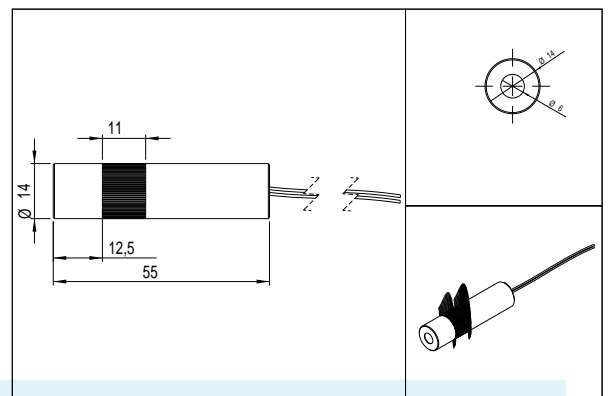
Picture



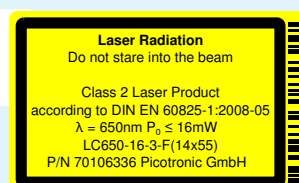
Cable Colors

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

Drawing



Safety Label



Revision

REV 12