

Line laser, red, 650 nm, 90 °, 5 mW

LC650-5-24-F(14x55)
Order Number: 70112580

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		5		mW
Operating Voltage	21.6	24	26.4	V DC
Operating Current	5	8	30	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty 1 years

Technical Parameters

Lifetime > 5,000 h
RoHS yes

Optical Parameters

Beam Shape	Line
Laser Class	1
Divergence	C - 0.4 mrad
Fan Angle min	80 °
Fan Angle	90 °
Fan Angle max	100 °
Line Thickness	adjustable
Operating Distance	3 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	adjustable

Electrical Parameters

Potential of Housing	isolated
Power Supply	LFNT-24

Mechanical Parameters

Size	Ø14x55 mm
Material	aluminium
Cable length	100 mm
Wire type	Belden, Typ 1007, 26AWG
Output Aperture	3.5 mm
Housing Color	black
Weight	18 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range



Features



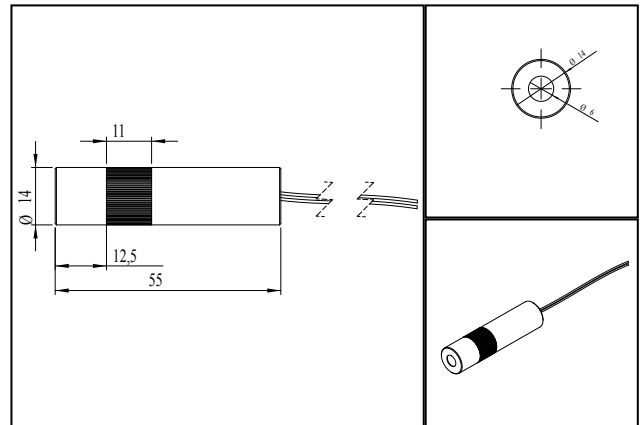
Picture



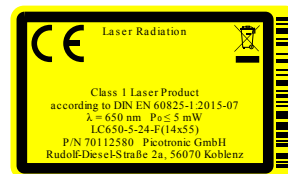
Cable color

Ground		black	GND
Positive		red	21.6 - 26.4, typ 24 V DC

Drawing



Safety Label



Valid Revision

21 | 06-SEP-2023