

Line laser, red, 650 nm, 90°, 5 mW

LC650-5-3-F(14x45)-NT
Order Number: 70125924

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		5		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	20	35	50	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	> 5,000 h
RoHS	yes

Optical Parameters

Beam Shape	Line
Laser Class	1
Divergence	C - 0.4 mrad
Fan Angle	90°
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
Connector	2.5 mm DC socket (GND pole inner)
Power Supply	Power Supply, Output: 3.3V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3.3W max, Connector 2,5x5,5x9,5mm center negative

Mechanical Parameters

Size	Ø14x45 mm
Material	aluminium
Cable length	100 mm
Wire type	Belden, Typ 1007, 26AWG
Output Aperture	6 mm
Housing Color	black
Weight	25 g

(*) Over the complete operating temperature range

Features



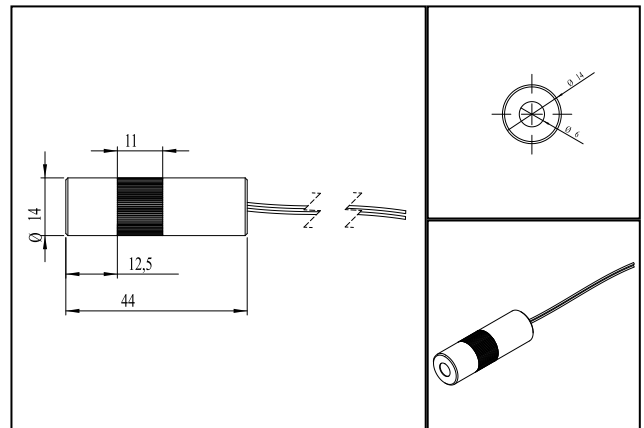
Picture



Cable color

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

Drawing



Safety Label



Valid Revision

| 02-JUN-2022