Cross laser, red, 635 nm, 90 °, 2 mW

CB635-2-3(16x45)
Order Number: 70103106

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		2		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	15	29	50	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	Cross
Laser Class	1
Divergence	B - 0.3 mrad
Fan Angle	90 °
Line Thickness	<1.5mm@2m
Operating Distance	2 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (2000mm)
Verticality	< ± 0.5 °

Electrical Parameters	
Potential of Housing	isolated
Power Supply	Power Supply with stripped/tinned wires, Output: 3.3V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3.3W max.

Mechanical Parameters	
Size	Ø16x45 mm
Material	aluminium
Cable length	100 mm
Wire type	Belden, Typ 1007, 26AWG
Output Aperture	6.8 mm
Housing Color	black
Weight	23.5 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features

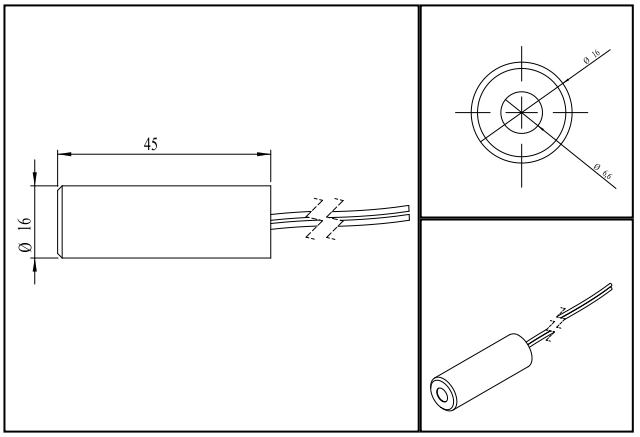
- Low power consumption
- Operating Voltage 3 V DC
- Compact size
- Laser Class 1
- Protection lens

Picture

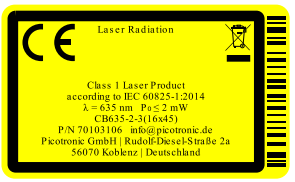
Cable color

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

Drawing



Saftey Label



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