Cross laser, red, 650 nm, 45 °, 5 mW

MCB650-5-3.3(16x61)-PL
Order Number: 70116786

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power	2	5	5	mW
Operating Voltage		3.3		V DC
Operating Current	20	40	55	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years

Technical Parameters

Lifetime	> 10,000 h
RoHS	yes

Optical Parameters

Beam Shape	Cross
Laser Class	1
Divergence	B - 0.3 mrad
Fan Angle	45 °
Line Thickness	<0.5mm@0.685m
Operating Distance	0.685 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Protection Lens	yes
Focus	fixed (685mm)
Verticality	< ± 0.5 °

Electrical Parameters

Potential of Housing	isolated
Max. Mod. Frequency	50 kHz

Mechanical Parameters

Size	Ø16x61 mm
Material	aluminium
Cable length	400 mm
Wire type	26AWG, 0,14mm²
Output Aperture	7 mm
Housing Color	black
Weight	23 g

(*) Over the complete operating temperature range

Features

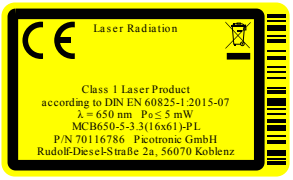
- Operating Voltage 3.3 V DC
- Low power consumption
- Modulated 50kHz directly over 3
- 3V DC
- Module has only 2 wires

Picture

Cable color

Ground	black	GND
Positive	red	3.3 V DC

Saftey Label



Valid Revision

15 | 23-JUL-2020

Pico Group® member

Picotronic GmbH
Rudolf-Diesel-Str. 2a
56070 Koblenz
Germany

Geschäftsführer
David Heckner

FON +49(0)261-983 497-0
FAX +49(0)261-983 497-10
www.picotronic.de
info@picotronic.de

Sparkasse Koblenz
BIC/IBAN MALADE51KOB
DE41 5705 0120 0000 2110 03

Postbank Stuttgart
BIC/IBAN PBNKDEFF
DE41 6001 0070 0077 0787 04

USt-IdNr. DE814473445
Amtsgericht Koblenz HRB 20026
WEEE-Reg.-Nr. DE85231360