

Dot laser, red, 635 nm, 2.5 mW

DB635-2.5-FA(14x45)-AP-C300-NO-D
Order Number: 70109863

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		2.5		mW
Operating Current	25	40	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	Dot
Laser Class	3R
Divergence	B - 0.3 mrad
Beam Diameter	5 mm
Size of Laserdot	<3..4mm@10m
Operating Distance	25 m
Optics	glass lens AR coated
Laser technology	diode
Axial Divergence	± 0.25 °
Focus	fixed (10.0m)

Electrical Parameters

Potential of Housing	isolated
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Mechanical Parameters

Size	Ø14x45 mm
Material	aluminium
Cable length	300 mm
Output Aperture	5 mm
Housing Color	silver
Weight	18 g

(*) Over the complete operating temperature range

Features



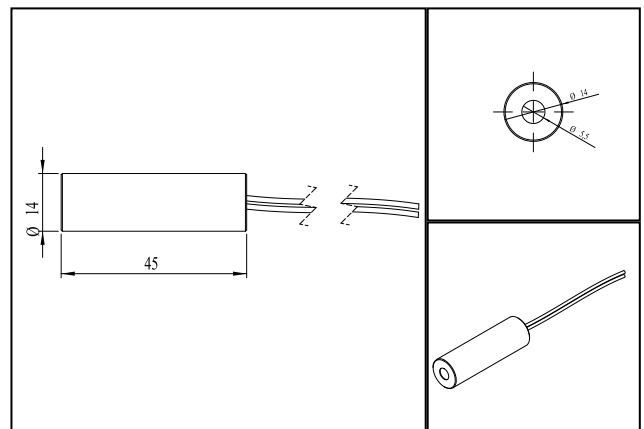
Picture



Cable color

Ground		black	GND
Positive		red	
Modulation		blue	

Drawing



Safety Label



Valid Revision

2 | 16-DEC-2020