

Dot laser, red, 635 nm, 1 mW

DB635-1-FA(14x45)-AP-C300-NO-D
Order Number: 70109856

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		1		mW
Operating Current	15	25	40	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 Dot
Laser Class 2
Divergence B - 0.3 mrad
Beam Diameter 5 mm
Size of Laserdot <5..7mm@20m
Operating Distance 50 m
Optics glass lens AR coated
Laser technology diode
Axial Divergence ± 0.25°
Focus fixed (20.0m)

Electrical Parameters

Potential of Housing isolated

Mechanical Parameters

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

(*) Over the complete operating temperature range

Features






- Laser Class 2
- Compact size
- Glas lenses anti reflex coated
- Axial parallel
- Uniform illumination

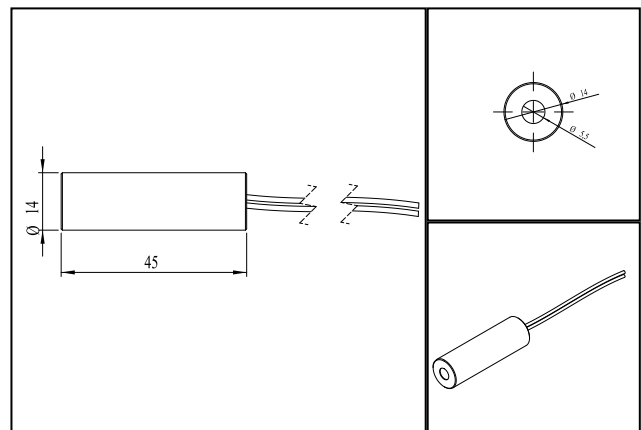
Picture



Cable color

Ground		black	GND
Positive		red	
Modulation		blue	

Drawing



Safety Label



Valid Revision

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