

Doe laser, red, 635 nm, 25°, 10 mW

DOE247-635-10-24-F(16X62)-CON
Order Number: 70166477

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		10		mW
Operating Voltage	23.7	24	24.3	V DC
Operating Current	2	5	25	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	> 10,000 h
RoHS	yes

Optical Parameters

Beam Shape	DOE
Laser Class	2M
Divergence	D - 0.5 mrad
Fan Angle	25°
Operating Distance	4 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	adjustable

Electrical Parameters

Potential of Housing	isolated
Connector	2.1 mm DC socket (+pole inner)
Power Supply	Power Supply, Output: 24V DC, Input: 100-240V AC, 50-60Hz, Output Power: 24W max. SYS 1308-2424-W2E 2,1 x 5,5 x 11 center positive

Mechanical Parameters

Size	Ø16x62 mm
Material	aluminium

Cable length	300 mm
Wire type	18AWG, black, 3,6mm
Output Aperture	5 mm
Housing Color	black
Weight	25 g

(*) Over the complete operating temperature range

Features



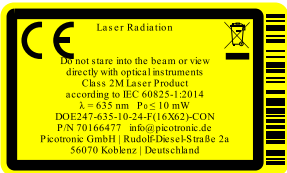
Picture



Cable color

Ground		black	GND
Positive		white	23.7 - 24.3, typ 24 V DC

Safety Label



Valid Revision

| 25-JUL-2024