

Expander Laser, green, 520 nm, 50 mW

EJ520-50-24(14x45)-AWL
Order Number: 70120653

Main Parameters (*)	min	typ	max	Unit
Wavelength		520		nm
Optical Output Power		50		mW
Operating Voltage	12	24	24	V DC
Operating Current	50	180	250	mA
Operating Temperature	-10		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	expander
Laser Class	3R
Size of Laserdot	<400mm@0.3m
Operating Distance	1 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Protection Lens	yes
Focus	fixed (300mm)
internal modulation frequency	1 kHz

Electrical Parameters

Potential of Housing	isolated
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Mechanical Parameters

Size	Ø14x45 mm
Material	aluminium
Cable length	100 mm
Wire type	26AWG, 0,14mm ²
Output Aperture	5.5 mm
Housing Color	black
Weight	18 g

(*) Over the complete operating temperature range

Features



- Image processing
- Protection lens
- Compact size

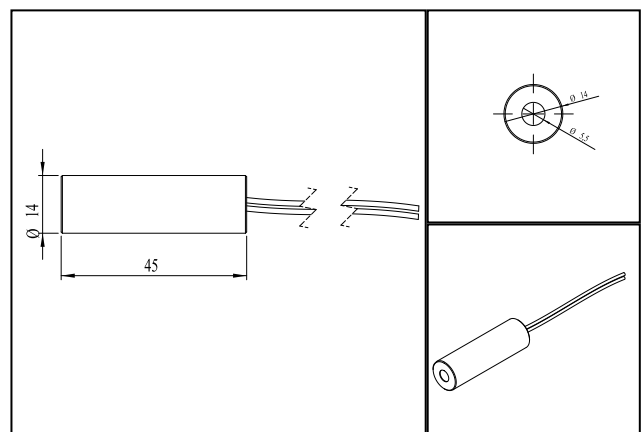
Picture



Cable color

Ground		black	GND
Positive		red	12 - 24, typ 24 V DC

Drawing



Safety Label



Valid Revision

| 09-JAN-2020