Expander Laser, green, 520 nm, 50 mW

EJ520-50-24(14x45)-AWL-NT
Order Number: 70147520

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

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
Connector	2.1 mm DC plug (+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	Ø14x45 mm
Material	aluminium
Cable length	100 mm
Wire type	26AWG, 0,14mm²
Output Aperture	5.5 mm
Housing Color	black
Weight	18 g

(*) Over the complete operating temperature range

Features

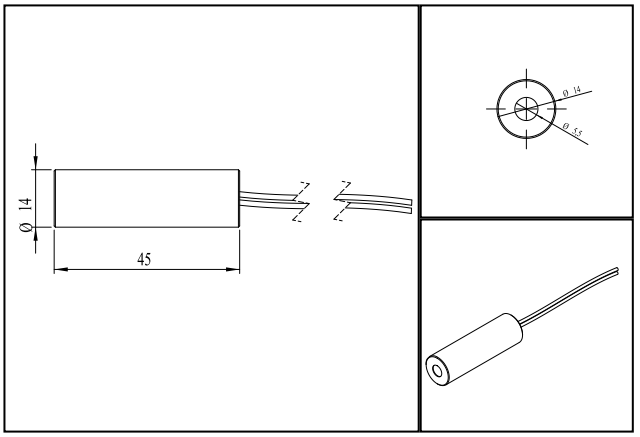
- Image processing
- Protection lens
- Compact size

Picture

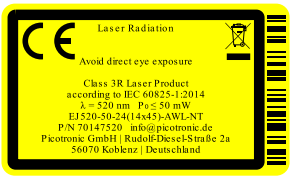
Cable color

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

Drawing



Saftey Label



Valid Revision

| 14-JUN-2024

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