

Expander Laser, red, 658nm, 17°, 100mW

EJ658-100-5(9.5x23)-PL
Order Number: 70116564

Main Parameters (*)	min	typ	max	Unit
Wavelength		658		nm
Optical Output Power		100		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current		180		mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Technical Parameters

Lifetime	>10000h
RoHS	yes

Optical Parameters

Beam Shape	expander
Laser Class	3R
Fan Angle	17°
Size of Laserdot	<90mm@0.3m
Operating Distance	1m
Optics	glass lens AR coated
Laser technology	diode
Protection Lens	yes
Focus	fixed (300mm)

Electrical Parameters

Potential of Housing	isolated
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Mechanical Parameters

Size	Ø9.5x23mm
Material	aluminium
Cable length	100mm
Wire type	26AWG, 0,14mm ²
Output Aperture	5.5mm
Weight	18g

(*) Over the complete operating temperature range

Features




- Image processing
- Uniform illumination
- Modulated
- Protection lens
- Compact size

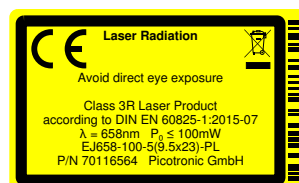
Picture



Cable Colors

Ground		black	GND
Positive		red	4.5 - 5.5, typ 5V DC

Safety Label



Revision

REV 10 | 29-OCT-2018