

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

MEJ658-100-5(9.5x23)-PL
Order Number: 70116540

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	>10000 h
RoHS	yes

Optical Parameters

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

Electrical Parameters

Potential of Housing	isolated
Max. Mod. Frequency	500 Kilohertz

Mechanical Parameters

Size	Ø9.5x23 mm
Material	aluminium
Cable length	100 mm
Wire type	26AWG, 0,14mm ²
Output Aperture	5.5 mm
Weight	18 g

(*) Over the complete operating temperature range

Features






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

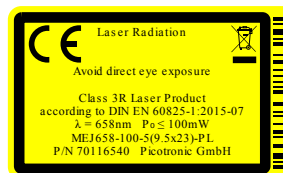
Picture



Cable color

Ground		black	GND
Positive		red	4.5 - 5.5, typ 5 V DC
Modulation		yellow	500 Kilohertz

safety label



Valid Revision

REV 10 | 08-MAR-2018