

Dot laser, red, 635 nm, 0.85 mW

DD635-0.9-27(12x50)
Order Number: 70121308

Main Parameters (*)	min	typ	max	Unit
Wavelength	630	635	640	nm
Optical Output Power	0.75	0.85	0.95	mW
Operating Voltage	21	24	27	V DC
Operating Current	25	35	50	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Technical Parameters

Lifetime	>10000 h
RoHS	yes

Optical Parameters

Beam Shape	Dot
Laser Class	2
Divergence	D - 0.5 mrad
Beam Diameter	1.5 mm
Size of Laserdot	<8mm@10m
Operating Distance	10 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Opt. Power Stability at const. Temp.	<1 %
Stability	+/- 3% @ -10-50°C
Focus	fixed (10.0m)

Electrical Parameters

Potential of Housing	isolated
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Mechanical Parameters

Size	Ø12x50 mm
Material	aluminium
Cable length	100 mm
Wire type	26AWG, 0,14mm ²
Output Aperture	1.5 mm
Housing Color	black
Weight	30 g

(*) Over the complete operating temperature range

Features



- Small fan angle
- Low power consumption
- Glass lenses AR coated

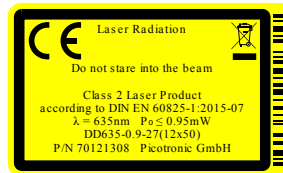
Picture



Cable color

Ground		black	GND
Positive		red	21 - 27, typ 24 V DC

safety label



Valid Revision

| 11-FEB-2019