Dot laser, 685 nm, 20 mW

DJ685-20-5(18x52)-F70
Order Number: 70124231

Main Parameters (*)	min	typ	max	Unit
Wavelength		685		nm
Optical Output Power	15	20	25	mW
Operating Voltage		5		V DC
Operating Current	40	80	120	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years

Technical Parameters

Lifetime	> 5,000 h
RoHS	yes

Optical Parameters

Beam Shape	Dot
Laser Class	3B
Divergence	J - 2.0 mrad
Size of Laserdot	40x100µm@0,07mm
Operating Distance	0.07 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (7mm)

Electrical Parameters

Potential of Housing	isolated
Power Supply	LFNT-5

Mechanical Parameters

Size	Ø18x52 mm
Material	aluminium
Cable length	100 mm
Wire type	Belden, Typ 1007, 26AWG
Housing Color	black
Weight	9 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features

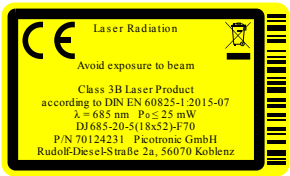
- Operating Voltage 5 V DC
- Compact size
- High Power
- Adjustable focus
- Laser Class 3B

Picture

Cable color

Ground		black	GND
Positive		red	5 V DC

Saftey Label



Valid Revision

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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
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