

Dot laser, red, 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	Power Supply with stripped/tinned wires, Output: 5V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3W max.

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

Safety Label



Valid Revision

| 07-FEB-2019