

Dot laser, infrared, 980 nm, 20 mW

DA980-20-3(22x70)-CON
Order Number: 70147544

Main Parameters (*)	min	typ	max	Unit
Wavelength		980		nm
Optical Output Power		20		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	70	100	150	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	> 5,000 h
RoHS	yes

Optical Parameters

Beam Shape	Dot
Laser Class	3B
Divergence	0.2 mrad
Operating Distance	300 m
Optics	glass lens AR coated
Laser technology	diode
Focus	collimated

Electrical Parameters

Potential of Housing	isolated
Battery	Batterypack with DC Connector 2,5mm, Output: 3V DC, incl. 2 x AA cell
Connector	2.5 mm DC socket (GND pole inner)

Mechanical Parameters

Size	Ø22x70 mm
Material	aluminium
Cable length	100 mm
Wire type	26AWG, 0,14mm ²
Housing Color	black
Weight	96 g

(*) Over the complete operating temperature range

Features



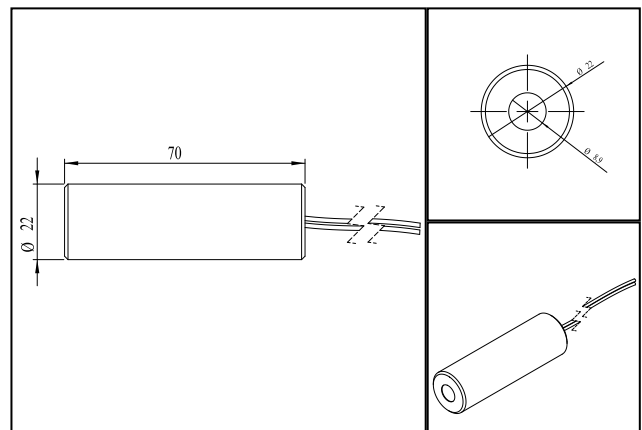
Picture



Cable color

Ground		black	GND
Positive		red	2.7 - 3.3, typ 3 V DC

Drawing



Safety Label



Valid Revision

| 20-JUN-2024