

Dot laser, infrared, 980 nm, 150 mW

AMDH980-150-3(22X65)
Order Number: 70158274

Main Parameters (*)	min	typ	max	Unit
Wavelength		980		nm
Optical Output Power	140	150	200	mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	200	400	600	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	H - 1.0 mrad
Size of Laserdot	adjustable
Operating Distance	100 m
Optics	glass lens AR coated
Laser technology	Multi Mode Diode
Focus	adjustable

Electrical Parameters

Potential of Housing	isolated
Cable color power control	Yellow
Power Supply	Power Supply with stripped/tinned wires, Output: 3.3V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3.3W max.

Mechanical Parameters

Size	Ø22x65 mm
Material	aluminium
Cable length	100 mm
Wire type	26AWG, 0,14mm ²
Output Aperture	5 mm
Housing Color	black
Weight	46.2 g

(*) Over the complete operating temperature range

Features



- Intensität über gelbes Kabel einstellbar (0-3V)

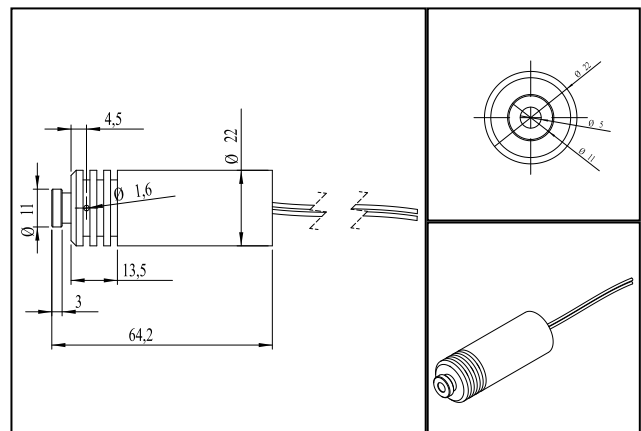
Picture



Cable color

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

Drawing



Safety Label



Valid Revision

| 27-NOV-2023