

Line laser, red, 650 nm, 60°, 35 mW

MLH650-35-5(15X60)60-F35-PWL
Order Number: 70160208

Main Parameters (*)	min	typ	max	Unit
Wavelength	645	650	655	nm
Optical Output Power		35		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	100	120	140	mA
Operating Temperature	-20		60	°C
Storage Temperature	-40		85	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	> 10,000 h
RoHS	yes

Optical Parameters

Beam Shape	Line
Laser Class	3R
Divergence	H - 1.0 mrad
Fan Angle	60°
Line Thickness	≤20µm (@35mm)
Operating Distance	0.035 m
Optics	Powell Lens
Focus	fixed (35mm)

Electrical Parameters

Max. Mod. Frequency	20 kHz
Power Supply	Power Supply with stripped/tinned wires, Output: 5V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3W max.

Mechanical Parameters

Size	Ø15x60 mm
Material	aluminium
Cable length	200 mm

Wire type	24AWG, black, 3mm
Housing Color	black
Weight	20 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- Powell Linse
- Gleichmäßige Linie
- Bildverarbeitung

Picture



Cable color

Ground		black	GND
Positive		red	4.5 - 5.5, typ 5 V DC
Modulation		yellow	20 kHz

Safety Label



Valid Revision

| 02-APR-2024