

Dot laser, red, 650 nm, 7 mW

DH650-7-3(12x34)
Order Number: 70102031

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		7		mW
Operating Voltage		3		V DC
Operating Current	15	32	50	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	70 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	adjustable

Electrical Parameters

Potential of Housing	isolated
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Mechanical Parameters

Size	Ø12x34 mm
Material	aluminium
Cable length	100 mm
Wire type	26AWG, 0,14mm ²
Output Aperture	5 mm
Housing Color	black
Weight	17 g

(*) Over the complete operating temperature range



Features



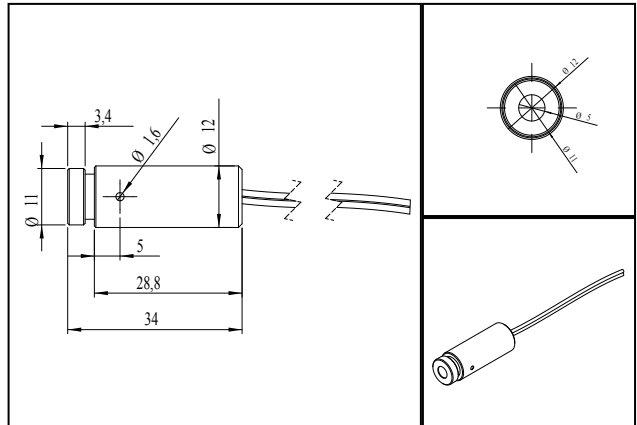
Picture



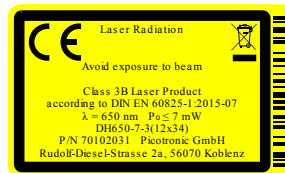
Cable color

Ground		black	GND
positive		red	3 V DC

Drawing



Safety Label



Valid Revision

0 | 13-JUN-2014