

Dot laser, infrared, 780 nm, 60 mW

DH780-60-5(15x60)-ADJ
Order Number: 70132670

Main Parameters (*)	min	typ	max	Unit
Wavelength	770	780	790	nm
Optical Output Power	55	60	70	mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	100	120	160	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	H - 1.0 mrad
Beam Diameter	5 mm
Size of Laserdot	adjustable
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Opt. Power Stability at const. Temp.	< 2 %
Stability	< 8% @ -10 - 50°C
Focus	adjustable

Electrical Parameters

Potential of Housing	isolated
----------------------	----------

Mechanical Parameters

Size	Ø15x60 mm
Material	aluminium
Cable length	320 mm

Wire type	Belden, Typ 1007, 26AWG
Output Aperture	5.5 mm
Housing Color	black
Weight	13g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- Operating Voltage 5V DC
- Laser Class 3B
- Uniform line thickness
- Glas lenses anti reflex coated

Picture



Cable color

Ground		black	GND
Positive		red	4.5 - 5.5, typ 5 V DC

Safety Label



Valid Revision

| 02-AUG-2019