

Dot laser, green, 532 nm, 1 mW

DB532-1-3(13x60)-F5000
Order Number: 70129700

Main Parameters (*)	min	typ	max	Unit
Wavelength		532		nm
Optical Output Power		1		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	150	300	300	mA
Operating Temperature	15		35	°C
Storage Temperature	-40		70	°C

Main Data

Warranty 1 years

Technical Parameters

Lifetime >3,000 h
RoHS yes

Optical Parameters

Beam Shape	Dot
Laser Class	2
Divergence	0.3 mrad
Size of Laserdot	4mm@5m
Operating Distance	5m
Optics	glass lens AR coated
Beam Mode	TEM00
Laser technology	Solid State (YVO4+KTP)
Stability	+/- 10% @ 15-30°C
Focus	fixed (5.0m)
Warm up time	< 15 min

Electrical Parameters

Potential of Housing	VDD(+)
ESD Protection	yes

Mechanical Parameters

Size	Ø13x60 mm
Material	Brass

Cable length	127 mm
Wire type	26AWG, UL, isolated
Housing Color	brass
Weight	42 g
Stripping of wire	3 mm

(*) Over the complete operating temperature range

Features



Picture



Cable color

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

Safety Label



Valid Revision

| 11-JUL-2018