

Dot laser, green, 520 nm, 3 mW

DA520-3-3-F(12x55)-QCW
Order Number: 70137668

Main Parameters (*)	min	typ	max	Unit
Wavelength		520		nm
Optical Output Power		3		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	15	50	70	mA
Operating Temperature	-10		60	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
----------	---------

Technical Parameters

Lifetime	>6,000 h
RoHS	yes

Optical Parameters

Beam Shape	Dot
Laser Class	3R
Divergence	A - 0.1 mrad
Size of Laserdot	<20mm@100m
Operating Distance	100 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	adjustable
internal modulation frequency	1 kHz

Electrical Parameters

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

Mechanical Parameters

Size	Ø12x55 mm
Material	aluminium
Cable length	100 mm
Wire type	26AWG, 0,14mm ²

Output Aperture	5 mm
Housing Color	black
Weight	13 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- Isolated housing
- Laser Class 3R
- Compact size
- Anti-reflex coating

Picture



Cable color

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

Safety Label



Valid Revision

| 27-MAY-2020