

Red Dot Lasermodule

DG670-1-12-F(12x40)-C300

Order Number: 70117653

Main Parameters (*)	min	typ	max	Unit
Wavelength		670		nm
Optical Output Power		1		mW
Operating Voltage	10.8	12	13.2	V DC
Operating Current	20	30	50	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Optical Parameters

Beam Shape	Dot
Laser Class	2
Divergence	0.8mrad
Size of Laserdot	adjustable
Operating Distance	10m
Optics	acrylic lens
Laser technology	Single Mode Diode
Focus	adjustable

Technical Parameters

Lifetime	>5000h
RoHS	yes

Electrical Parameters

Potential of Housing	isolated
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Mechanical Parameters

Size	Ø12x40mm
Material	aluminium
Cable length	300mm
Wire type	22AWG, black, 3,6mm
Output Aperture	5mm
Housing Color	black
Weight	18.5g
Stripping of wire	5mm
Stripping of cable cover	50mm

(*) Over the complete operating temperature range



Features

- Operating Voltage 12V DC
- Laser Class 2
- Compact size
- Adjustable focus
- Uniform illumination

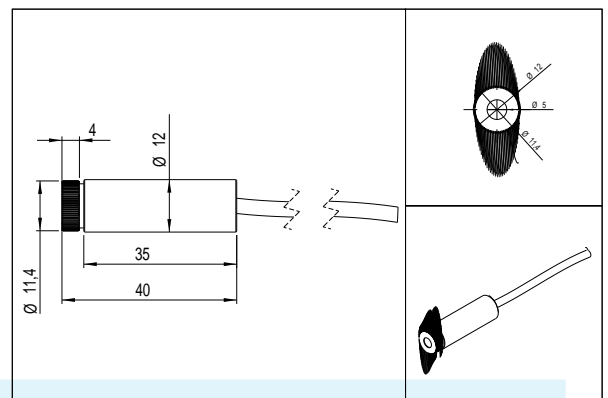
Picture



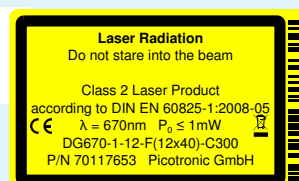
Cable Colors

Ground		black	GND
Positive		white	10.8 - 13.2, typ 12V DC

Drawing



Safety Label



Revision

REV 4 | 13-OCT-2014