

Dot laser, red, 650nm, 1mW

DC650-1-3(8x25)-HT

Order Number: 70122114

Main Parameters (*)	min	typ	max	Unit
Wavelength	645	650	655	nm
Optical Output Power	0.8	1	1	mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	10	20	40	mA
Operating Temperature	-20		70	°C
Storage Temperature	-40		80	°C

Technical Parameters

Lifetime	>2000h
RoHS	yes

Optical Parameters

Beam Shape	Dot
Laser Class	2
Divergence	C - 0.4mrad
Size of Laserdot	<6mm@10m
Operating Distance	10m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	collimated

Electrical Parameters

Potential of Housing	isolated
Power Supply	LFNT-3

Mechanical Parameters

Size	Ø8x25mm
Material	aluminium
Cable length	400mm
Wire type	26AWG, 0,14mm ²
Output Aperture	3.5mm
Housing Color	black
Weight	3.5g
Protection Class	IP67
Stripping of wire	5mm

(*) Over the complete operating temperature range

Features




- Operating Voltage 3V DC
- Laser Class 2
- Low power consumption
- Compact size
- High Temperature

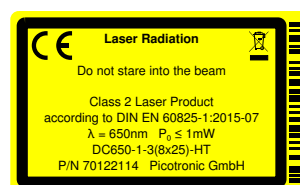
Picture



Cable Colors

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

Safety Label



Revision

| 26-APR-2016