



ROITHNER LASERTECHNIK GmbH

WIEDNER HAUPTSTRASSE 76

1040 VIENNA

AUSTRIA

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LM-101-A102



650nm Diode Line Laser Module

Multi purpose, high quality, low cost red laser diode line generating module. Driver electronics already included. **Laser class II** device



Specifications (25°C)

	Min.	Typ.	Max.	Unit
Optical				
CW Output Power P_O	0.45		0.85	mW
Center Wavelength λ_c	645	650	660	nm
Laser line dimension		60		degree
Laser line length at 3M		3.5		m
Laser line width at 3M		6		mm
Electrical				
Current draw	-	20	40	mA
Supply voltage	3	-	5	V
General				
Body	Brass			
Lens	Acryl			
Life time	3000			h
Wire	26 AWG PVC-Free			
Solder	Nihon Genma Solder (Lead-Free)			
	NP303YS RMA 0.8mm			
	NP601SZ 555 GK			
Operating temperature	0 ... +40			°C
Operating humidity (relative humidity)	20 ...80 (no condense)			%
Storage temperature	-25 ... +70			°C
Storage humidity (relative humidity)	40 ...95			%





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Drawing:

all dimensions in mm, default tolerance: +/-0.5mm

