



ROITHNER LASERTECHNIK GmbH

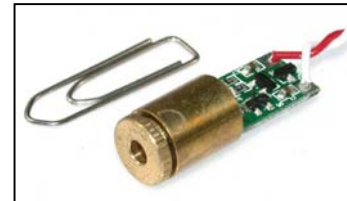
WIEDNER HAUPTSTRASSE 76
TEL. +43 1 586 52 43 -0, FAX. -44, OFFICE@ROITHNER-LASER.COM

1040 VIENNA

AUSTRIA



LM-101-A16



650nm Diode Laser Module

Multi purpose, high quality, low cost red laser diode module. Driver electronics included. Collimated beam output. 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
Output Aperature	3.5 x 1.7 (+/-0.5)			mm
Beam Size at 6M	10 ..15			mm
Electrical				
Current draw	-	18	40	mA
Supply voltage	3	-	5	V
General				
Body	Brass			
Dimensions	9 x 26			mm
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

