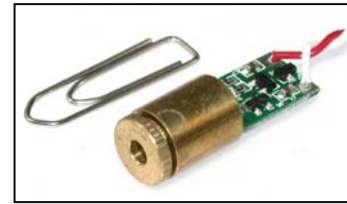




## LM-101-A16



## 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
<b>Optical</b>				
CW Output Power P <sub>O</sub>	0.45		0.85	mW
Center Wavelength λ <sub>c</sub>	645	650	660	nm
Output Aperture	3.5 x 1.7 (+/-0.5)			mm
Beam Size at 6M	10 ..15			mm
<b>Electrical</b>				
Current draw	-	18	40	mA
Supply voltage	3	-	5	V
<b>General</b>				
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			%





**Drawing:**

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

