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LM-101-C4



635nm Diode Laser Module

Multi purpose, high quality, low cost red laser diode 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	620	635	640	nm
Output Aparture		3.5 x 1.7 (+/-0.5)		mm
Beam Size at 6M		10 ..15		mm
Electrical				
Current draw	-	28	50	mA
Supply voltage	2.8	-	3.4	VDC
General				
Body		Brass		
Lens		Acryl		
Life time		3000		h
Wire		26 AWG PVC-Free		
Solder		Nihon Genma Solder (Lead-Free)		
		NP303		
		NP601		
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

