



LM-102-B004



650nm Diode Laser Module

Multi purpose, high quality, low cost red laser diode module. Driver electronics already included. **Laser class 3R** device



Specifications (25°C)

	Min.	Typ.	Max.	Unit
Optical				
CW Output Power P_o			5	mW
Center Wavelength λ_c	645	650	660	nm
Output Aperture	3.5 x 1.7 (+/-0.5)			mm
Beam Size at 6M	10 ..15			mm
Electrical				
Current draw	-	60		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			%





Drawing:

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

