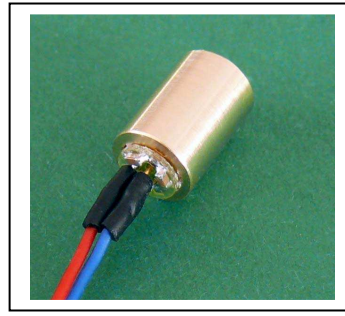
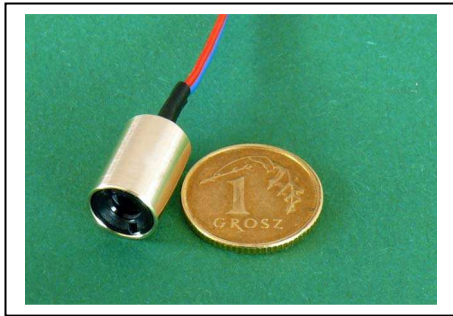


ML- 30P- 635-1

Miniature laser module with APC laser diode.



Technical data:

- Safety class 2 from PN-EN 60825 1:2005.
- Wavelength $\lambda=635\text{nm}$;
- Laser Diode $P_o=5\text{mW}$;
- Average Output Power $<1\text{mW}$;
- Operating Voltage $2,5\text{V}\div 6\text{V}$;
- Operating Current $\sim 30\div 40\text{mA}$;
- Optics: aspherical acrylate focusing lens $F=6\text{mm}$, $NA=0,28$;
- Beam Diameter $3,5\text{mm}$;
- Beam Divergence $<2\text{mrd}$;
- Brass housing;
- Dimensions $\Phi 8\text{mm} \times 11\text{mm}$;
- Electrical connection markers:
 - o Blue – negative
 - o Red – positive

WARNING:

1. The housing is internally connected to the negative supply rail.
2. Take precautions to avoid electrostatic discharge and momentary power spikes above 6V. When using simple power supplies, it is important to switch the mains power system on first, then switch the laser module on. To shut off - reverse the order.