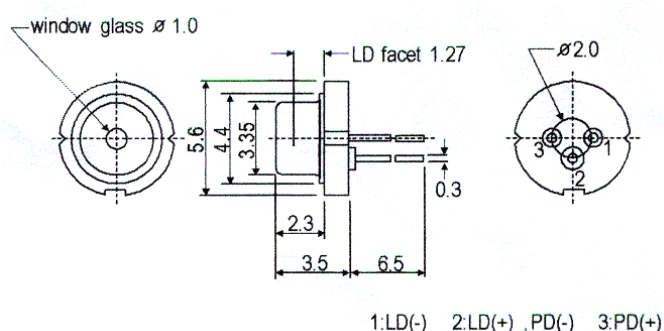
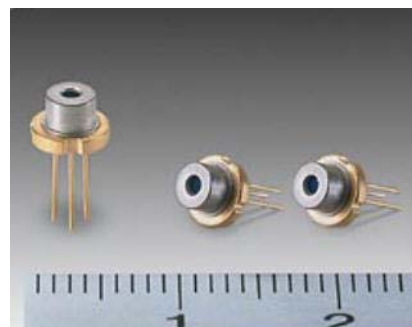


## Visible Wavelength Laser diode

**TLD 6305MG**  
**TLD 6503MG**  
**TLD 6505MG**  
**TLD 6507MG**  
**TLD 6510MG**  
**TLD 6520MG**  
**TLD 6650MG**  
**TLD 7803MG**



### TECHNICAL DATA

Structure: **AlGaInP**, index guided, single transverse mode

Package: **5.6 mm**

### PIN CONNECTION:

- 1) Laser diode cathode
- 2) Laser diode anode and photodiode cathode
- 3) Photodiode anode

	Maximum Rating		Optical-Electrical Characteristics				
	Light output	Operating temperature	Threshold current	Operating current	Laser wavelength	Beam divergence parallel	Beam divergence perpendicular
	mW	°C	mA	mA	nm	deg	deg
TLD 6305MG	5	0... +50	35	45	635	9	30
TLD 6503MG	3	-10... +50	24	34	650	9	33
TLD 6505MG	5	-10... +50	28	36	650	9	33
TLD 6507MG	7	-10... +50	28	40	650	9	33
TLD 6510MG	10	-10... +40	18	30	650	9	33
TLD 6520MG	20	0... +40	25	45	650	9	33
TLD 6650MG	50	-10... +30	25	75	660	9	33
TLD 7803MG	3	-10... +60	36	44	780	9	33