

Part No.

OPL 337 UR0C
OPL 337 UY0C
OPL 337 PG0C
OPL 337 BG0C
OPL 337 PB0C
OPL 337 W0C

Features

- High Current Operation
- High Luminance
- Low Thermal Resistance
- Low Power Consumption
- Packaged in Tubes for Use with Automatic Insertion Equipment

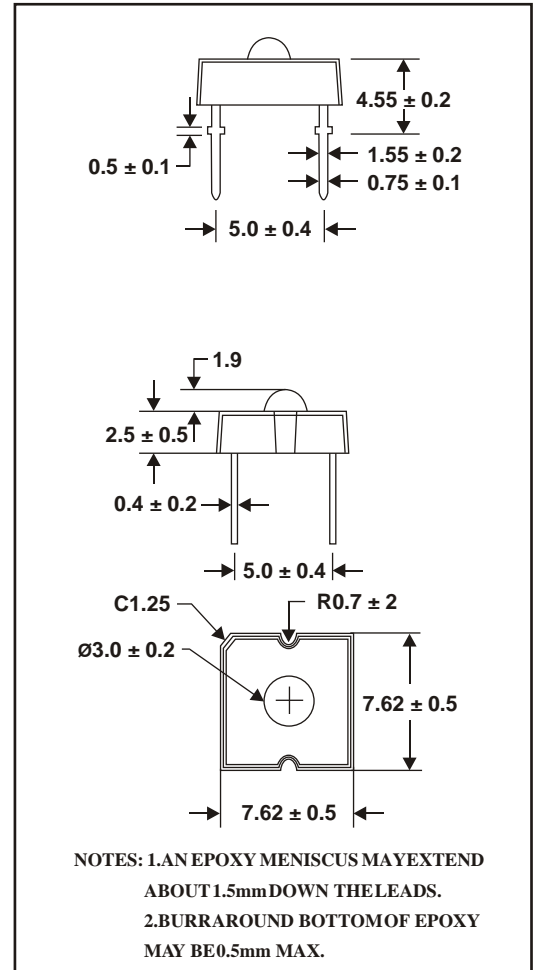
ABSOLUTE MAXIMUM RATINGS FOR CHIP AT Ta=25° C

ITEMS	Symbol	Value		Unit
		UR/UY	BG/PG/PB/W	
Power Dissipation	P_D	180	140	mW
DC Forward Current	I_F	70	40	mA
Reverse Voltage ($I_r = 100\mu A$)	V_R	10	5	V
Operation Temperature	T_{opr}	-25~80		°C
Storage Temperature	T_{stg}	-40~100		°C
Lead Soldering Temperature	T_{sol}	260°C/5s		—

*puls width 0.1msec duty 1 / 10

Dimensions

(Units:mm)



ELECTRICAL/OPTICAL CHARACTERISTICS AT Ta=25° C

Part NO.	Wavelength (nm)		Forward Current I_F (mA)	Forward Voltage V_F (V)		Luminous Intensity I_v (mcd)		Viewing Angle 2 1/2 (°)	
	D			TYPE	MAX.	MIN.	TYPE	MIN.	TYPE
OPL 337 UR 0C	630	----	70	2.5	3.1	----	3500	----	70
OPL 337 UY 0C	592	----	70	2.5	3.1	----	3500	----	70
OPL 337 PG 0C	525	----	40	3.7	5.2	----	1200	----	30
OPL 337 BG 0C	505	----	40	3.7	5.2	----	1100	----	30
OPL 337 PB 0C	470	----	40	3.7	5.2	----	1000	----	30
OPL 337 W 0C	X/Y - 0.33/0.31		40	3.7	5.2	----	2000	----	30