

### Part Number

- OPL546TR0T
- OPL546PG0T
- OPL546PB0T

### Features

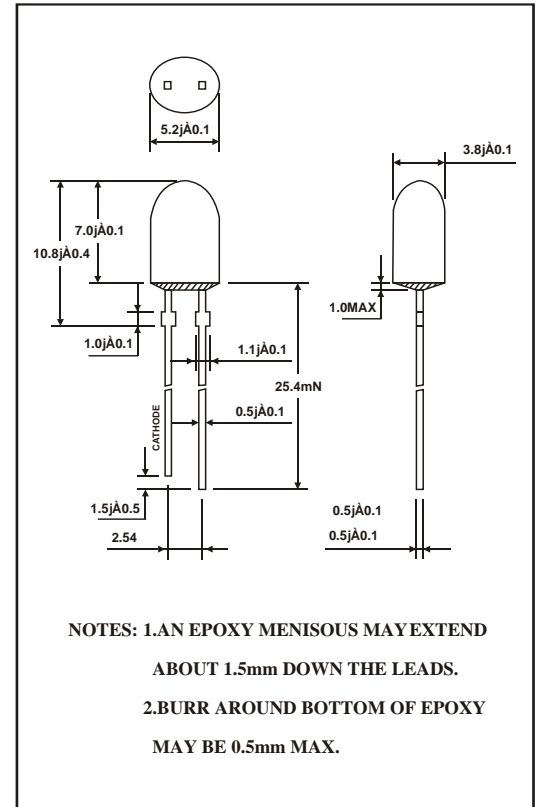
- TRANSPARENT
- Viewing angle 110° / 30°
- High Light Output

### ABSOLUTE MAXIMUM RATINGS, Ta = 25°C

ITEMS	Symbol	Value		Unit
		Red	Blue/Green	
Power Dissipation	P <sub>D</sub>	100	120	mW
Forward Current	I <sub>F</sub>	30	30	mA
Peak Forward Current*	I <sub>FP</sub>	120	100	mA
Reverse Voltage	V <sub>R</sub>	6	6	V
Operation Temperature	T <sub>opr</sub>	-25~80	-25~80	C°
Storage Temperature	T <sub>stg</sub>	-40~100	-40~100	C°
Lead Soldering Temperature	T <sub>sol</sub>	260C°/3s	260C°/3s	—

\*pulse with <0.1 msec duty <1/10

### Dimensions (Unit:mm)



### ELECTRICAL/OPTICAL CHARACTERISTICS AT Ta=25C°

Part Number	Led Chip Emitting Color	Wavelength (nm)			Forward Voltage IF=20mA(V)			Reverse Current VR=5V(uA)	Luminous Intensity IF=20mA(mcd)	
		λP	λD	Δλ	MIN.	TYPE	MAX.	MAX.	MIN.	TYPE
OPL546TR0T	RED	----	626	30	----	2.26	2.6	30	900	1300
OPL546PG0T	PURE GREEN	----	525	30	----	3.5	4.0	30	1200	1600
OPL546PB0T	PURE BLUE	----	470	20	----	3.5	4.0	30	500	800