

Part Number

- OPL 135 R1W
- OPL 135 G1W
- OPL 135 Y2W

Features

- White Diffused
- Viewing Angle: 45°

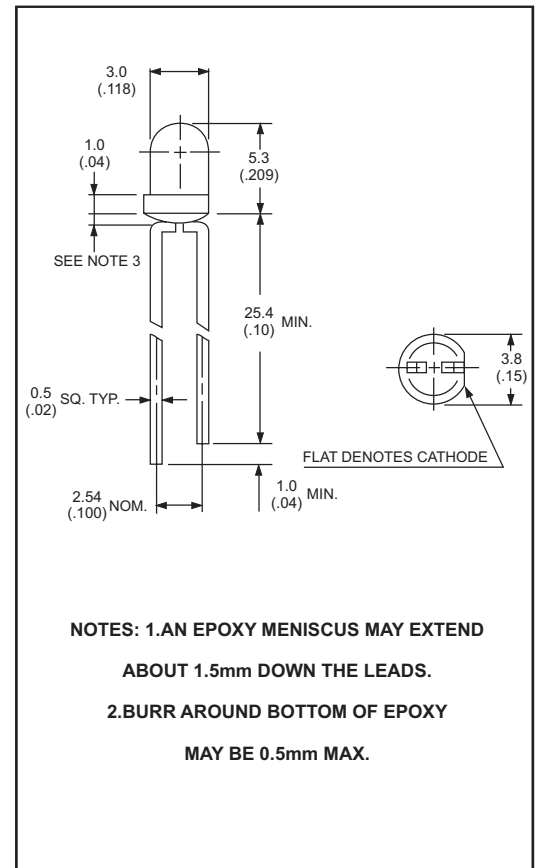
ABSOLUTE MAXIMUM RATINGS, Ta = 25°C

ITEMS	Symbol	Value		Unit
		Red	Yellow/Green	
Power Dissipation	P _D	100	120	mW
Forward Current	I _F	30	30	mA
Peak Forward Current*	I _{FP}	200	120	mA
Reverse Voltage	V _R	5	5	V
Operation Temperature	T _{opr}	-25 ~ 80	-25 ~ 80	C°
Storage Temperature	T _{stg}	-40 ~ 100	-40 ~ 100	C°
Lead Soldering Temperature	T _{sol}	260°C/3s	260°C/3s	—

*pulse width ≤0.1 msec duty ≤1/10

Dimensions

(Unit:mm)



ELECTRICAL/OPTICAL CHARACTERISTICS AT Ta=25°C

Part Number	Led Chip Emitting Color	Wavelength (nm)			Forward Voltage IF=20mA (V)			Reverse Current VR=5V (uA)	Luminous Intensity IF=20mA (mcd)	
		λ _p	λ _D	Δλ	MIN.	TYPE	MAX.	MAX.	MIN.	TYPE
OPL135 R1W	RED	700	----	100	1.8	2.25	2.6	30	8	15
OPL135 G1W	GREEN	568	573	15	1.8	2.25	2.6	30	30	40
OPL135 Y2W	YELLOW	589	590	20	1.8	2.20	2.6	30	80	100