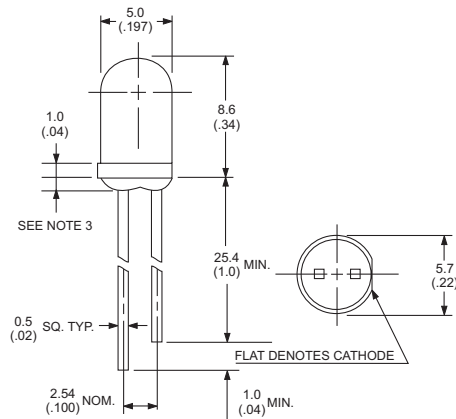


PACKAGE DIMENSIONS



ABSOLUTE MAXIMUM RATINGS, $T_a = 25^\circ\text{C}$

Reverse voltage per led chip.....	5.0 V
D.C Forward current	30 mA
Pulse current. (1.10 duty cycle , 0.1 ms pulse width).....	100mA
Operating temperat. range.....	-25°C to + 85°C
Storage temperat. range.....	-25°C to + 100°C
Lead soldering temp.	260°C for 5 seconds

ELECTRICAL / OPTICAL CHARACTERISTICS AT $T_a = 25^\circ\text{C}$

PART NUMBER	LED CHIP MATERIAL	LED CHIP EMITTING COLOR	LENS COLOR	PEAK WAVE LENG. 20mA(nm)	FORWARD VOLTAGE 20mA (V)		LUMINOUS INTENSITY 20mA (mcd)		VIEW ANGLE
					TYP -	MAX	MIN	TYP	
OPL 155 R1D	GaP	RED	DIFFUSED	700	2.1	2.8	4.0	5.0	25°
OPL 155 HR10D	GaAlAs GaAs	RED	DIFFUSED	660	2.1	2.5	25	30	25°
OPL 155 HR10C	GaAlAs GaAs	RED	WATER CLEAR	660	1.8	2.0	600	700	25°
OPL 155 SR10D	GaAlAs GaAs	RED	DIFFUSED	660	1.8	2.0	220	320	35°
OPL 155 SR10C	GaAlAs GaAs	RED	WATER CLEAR	660	1.8	2.0	850	950	15°
OPL 155 UR10D	GaAlAs GaAs	RED	DIFFUSED	660	2.1	2.5	400	500	35°
OPL 155 UR10C	GaAlAs GaAs	RED	WATER CLEAR	660	2.1	2.5	1750	1850	15°
OPL 155 UR10C-25	GaAlAs	RED	WATER CLEAR	660	2.1	2.5	1350	1550	25°
OPL 155 G1D	GaP GaP	GREEN	DIFFUSED	570	2.1	2.8	18	22	25°
OPL 155 HG04D	GaP GaP	GREEN	DIFFUSED	568	2.2	2.6	230	280	35°
OPL 155 HG04C	GaP GaP	GREEN	WATER CLEAR	570	2.2	2.6	350	450	25°
OPL 155 SG04C	GaP GaP	GREEN	WATER CLEAR	570	2.2	2.6	550	650	15°
OPL 155 Y2D	GaAsP GaP	YELLOW	DIFFUSED	585	2.1	2.6	20	24	25°
OPL 155 O2D	GaAsP GaP	ORANGE	DIFFUSED	630	2.0	2.8	25	35	25°

*SPECIFICATIONS ARE SUBJECT TO CHANGE

*THE PN s ABOVE MEANS STANDART VERSION, (COLOR DIFFUSED). WHEN SOME CHANGE BE NECESSARY, PLS PROCEED AS FOLLOW: D: DIFFUSED C: WATER CLEAR T: TRANSLUCENT W: WHITW DIFFUSED

NOTE: ALL DIMENSIONS ARE IN mm, TOLERANCE IS +/-0.25mm, UNLESS OTHERWISE NOTED.