

LED DISPLAYS:ELM-1257C/D SERIES

ELECTRICAL AND OPTICAL CHARACTERISTICS (Ta=25°C)

Part No.	Emittd Color	PeakWave Length	Epoxy Color	Surface Color	Common Electrode	$\triangle\lambda$ (nm)	Pd (mW)	If (mA)	Peak (mA)	Vf(V)		IV(mcd)	
										Min	Max	Min	Max
ELM-1257CS	Red	620-630	White	Black	Cathode	10	35	20	60	1.8	2.0	82	92
ELM-1257CO	Orange	600-610	White	Black	Cathode	10	35	20	60	1.8	2.0	85	95
ELM-1257CY	Yellow	585-595	White	Black	Cathode	10	35	20	60	1.8	2.0	88	98
ELM-1257CG	Olivine	565-575	White	Black	Cathode	10	35	20	60	1.8	2.0	10	20
ELM-1257CGG	Emerald	515-525	White	Black	Cathode	10	55	20	60	2.6	2.8	215	225
ELM-1257CB	Blue	460-470	White	Black	Cathode	10	55	20	60	2.6	2.8	15	25
ELM-1257CW	White	-	-	Black	Cathode	-	55	20	60	2.6	2.8	-	-
ELM-1257DS	Red	620-630	White	Black	Anode	10	35	20	60	1.8	2.0	82	92
ELM-1257DO	Orange	600-610	White	Black	Anode	10	35	20	60	1.8	2.0	85	95
ELM-1257DY	Yellow	585-595	White	Black	Anode	10	35	20	60	1.8	2.0	88	98
ELM-1257DG	Olivine	565-575	White	Black	Anode	10	35	20	60	1.8	2.0	10	20
ELM-1257DGG	Emerald	515-525	White	Black	Anode	10	55	20	60	2.6	2.8	215	225
ELM-1257DB	Blue	460-470	White	Black	Anode	10	55	20	60	2.6	2.8	15	25
ELM-1257DW	White	-	-	Black	Anode	-	55	20	60	2.6	2.8	-	-

ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

ReverseVoltage	ReverseCurrent (V _R =5V)	OperatingTemperature Range	StorageTemperature Range	Lead Soldering Temperature
5V	20 μ A	-20℃~+80℃	-30℃~+80℃	255 ℃ For 3 seconds

PACKAGE DIMENSION (Unit: millimeters, Tolerance : $\pm 0.25\text{mm}$)

