



## LED DISPLAYS:ELS-30101A/B SERIES

### ELECTRICAL AND OPTICAL CHARACTERISTICS (Ta=25℃)

Part No.	Emitted Color	Peak Wave Length	Epoxy Color	Surface Color	Common Electrode	$\Delta\lambda$ (nm)	If (mA)	Peak (mA)	Vf(V)		IV(mcd)	
									Segment	Dot	Min	Max
ELS-30101AS	Red	620-630	White	Black	Cathode	10	20	60	10.8-12.0	3.6-4.0	82	92
ELS-30101AO	Orange	600-610	White	Black	Cathode	10	20	60	10.8-12.0	3.6-4.0	85	95
ELS-30101AY	Yellow	585-595	White	Black	Cathode	10	20	60	10.8-12.0	3.6-4.0	88	98
ELS-30101AG	Olivine	565-575	White	Black	Cathode	10	20	60	10.8-12.0	3.6-4.0	10	20
ELS-30101AGG	Emerald	515-525	White	Black	Cathode	10	20	60	15.6-16.8	5.2-5.6	215	225
ELS-30101AB	Blue	460-470	White	Black	Cathode	10	20	60	15.6-16.8	5.2-5.6	15	25
ELS-30101AW	White	-	-	Black	Cathode	-	20	60	15.6-16.8	5.2-5.6	-	-
ELS-30101BS	Red	620-630	White	Black	Anode	10	20	60	10.8-12.0	3.6-4.0	82	92
ELS-30101BO	Orange	600-610	White	Black	Anode	10	20	60	10.8-12.0	3.6-4.0	85	95
ELS-30101BY	Yellow	585-595	White	Black	Anode	10	20	60	10.8-12.0	3.6-4.0	88	98
ELS-30101BG	Olivine	565-575	White	Black	Anode	10	20	60	10.8-12.0	3.6-4.0	10	20
ELS-30101BGG	Emerald	515-525	White	Black	Anode	10	20	60	15.6-16.8	5.2-5.6	215	225
ELS-30101BB	Blue	460-470	White	Black	Anode	10	20	60	15.6-16.8	5.2-5.6	15	25
ELS-30101BW	White	-	-	Black	Anode	-	20	60	15.6-16.8	5.2-5.6	-	-

### ABSOLUTE MAXIMUM RATINGS (Ta=25℃)

Reverse Voltage	Reverse Current (V <sub>R</sub> =5V)	Operating Temperature Range	Storage Temperature Range	Lead Soldering Temperature
5V	20 $\mu$ A	-35℃~+80℃	-45℃~+80℃	260℃ For 3 Seconds

### PACKAGE DIMENSION (Tolerance : ±0.2mm)

