



LED DISPLAYS:ELS-50101A/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-50101AS	Red	620-630	White	Black	Cathode	10	20	60	12.6-14.0	5.4-6.0	82	92
ELS-50101AO	Orange	600-610	White	Black	Cathode	10	20	60	12.6-14.0	5.4-6.0	85	95
ELS-50101AY	Yellow	585-595	White	Black	Cathode	10	20	60	12.6-14.0	5.4-6.0	88	98
ELS-50101AG	Olivine	565-575	White	Black	Cathode	10	20	60	12.6-14.0	5.4-6.0	10	20
ELS-50101AGG	Emerald	515-525	White	Black	Cathode	10	20	60	18.2-19.6	7.8-8.4	215	225
ELS-50101AB	Blue	460-470	White	Black	Cathode	10	20	60	18.2-19.6	7.8-8.4	15	25
ELS-50101AW	White	-	-	Black	Cathode	-	20	60	18.2-19.6	7.8-8.4	-	-
ELS-50101BS	Red	620-630	White	Black	Anode	10	20	60	12.6-14.0	5.4-6.0	82	92
ELS-50101BO	Orange	600-610	White	Black	Anode	10	20	60	12.6-14.0	5.4-6.0	85	95
ELS-50101BY	Yellow	585-595	White	Black	Anode	10	20	60	12.6-14.0	5.4-6.0	88	98
ELS-50101BG	Olivine	565-575	White	Black	Anode	10	20	60	12.6-14.0	5.4-6.0	10	20
ELS-50101BGG	Emerald	515-525	White	Black	Anode	10	20	60	18.2-19.6	7.8-8.4	215	225
ELS-50101BB	Blue	460-470	White	Black	Anode	10	20	60	18.2-19.6	7.8-8.4	15	25
ELS-50101BW	White	-	-	Black	Anode	-	20	60	18.2-19.6	7.8-8.4	-	-

ABSOLUTE MAXIMUM RATINGS (Ta=25℃)

Reverse Voltage	Reverse Current (V _R =5V)	Operating Temperature Range	Storage Temperature Range	Lead Soldering Temperature
5V	20 μ A	-20℃~+80℃	-30℃~+80℃	255℃ For 3 seconds

PACKAGE DIMENSION (Unit: millimeters, Tolerance : ± 0.25 mm)

