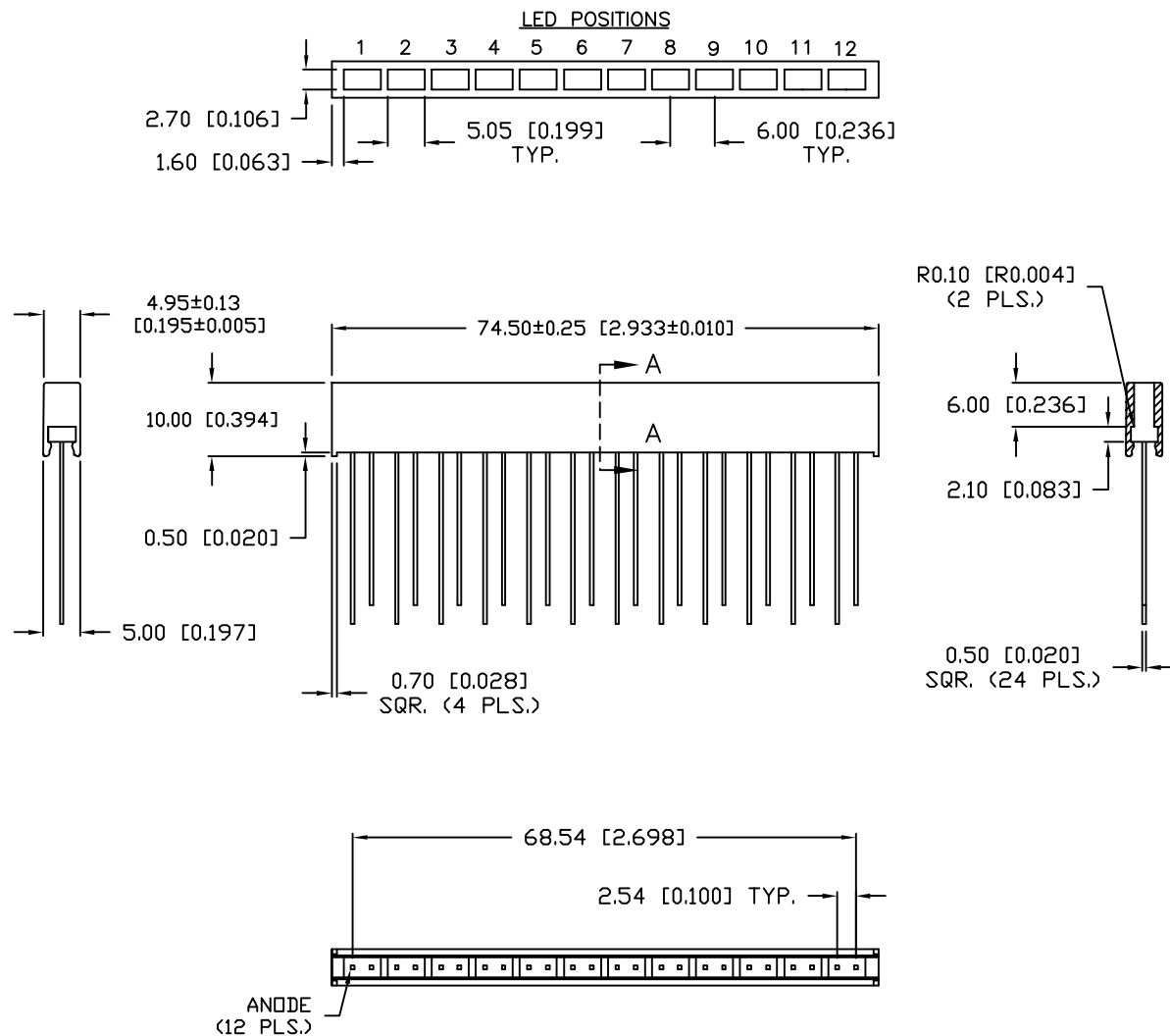


UNCONTROLLED DOCUMENT



PART NUMBER		REV.
SSA-LXH1225-40979		A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11148.	09.15.09

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$

PARAMETER	GREEN	YELLOW	AMBER	RED	S.RED	UNITS	TEST COND
PEAK WAVELENGTH	565	585	605	635	660	nm	
FORWARD VOLTAGE (TYP.)	2.2	2.1	2.0	2.0	1.7	nm	
FORWARD VOLTAGE (MAX.)	2.6	2.5	2.5	2.5	2.3	V_f	
REVERSE VOLTAGE	5.0	5.0	5.0	5.0	4.0	V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY	8	8	8	8	10	mcd	$I_f=20\text{mA}$
VIEWING ANGLE	60	60	60	60	60	2x theta	
LED POSITION:	1~8	9	10	11	12		
EPOXY LENS FINISH: DIFFUSED SAME AS EMITTED COLOR							

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(G/Y/A/R/SR)	25/30/30/30/30	mA
POWER DISSIPATION	(G/Y/A/R/SR)	105/105/105/105/100	mW
DERATE FROM 25°C		-1.2	$\text{mW}/^\circ\text{C}$
OPERATING, STORAGE TEMP.		-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.		+260	$^\circ\text{C}$
2.0mm FROM BODY			3 SEC. MAX

* $t < 10\mu\text{s}$

NOTES:

- SSH-LXH1225 HOLDER, BLACK ABS UL 94V-0.
- SSL-LX25583GD, 8 PCS, POSITIONS 1-8. SORTED.
- SSL-LX25583YD, 1 PIECE, POSITION 9.
- SSL-LX25583AD, 1 PIECE, POSITION 10.
- SSL-LX25583ID, 1 PIECE, POSITION 11.
- SSL-LX25583SRD, 1 PIECE, POSITION 12.



UNCONTROLLED DOCUMENT

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN.= +DECIMAL PRECISION -0.00 MAX.= +0.00 -DECIMAL PRECISION

REV.	PART NUMBER	CONFIDENTIAL INFORMATION		290 E. HELEN ROAD	
A	SSA-LXH1225-40979	THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.		PALATINE, IL 60067-6976	
12 UNIT, 2.5mm x 5mm RECTANGULAR LED ARRAY. POSITIONS 1~8: GREEN, POS. 9: YELLOW, POS. 10: AMBER, POS. 11: RED, POS. 12: SUPER RED, DIFFUSED PER COLOR.		RELIABILITY NOTE OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.		PHONE: +1.847.359.2790	
				US WEB: www.lumex.com	
				TW WEB: www.lumex.com.tw	
		DRAWN BY: KS/DU		CHECKED BY:	
				APPROVED BY:	
				DATE: 07.06.99	
				PAGE: 1 OF 1	
				SCALE: N/A	