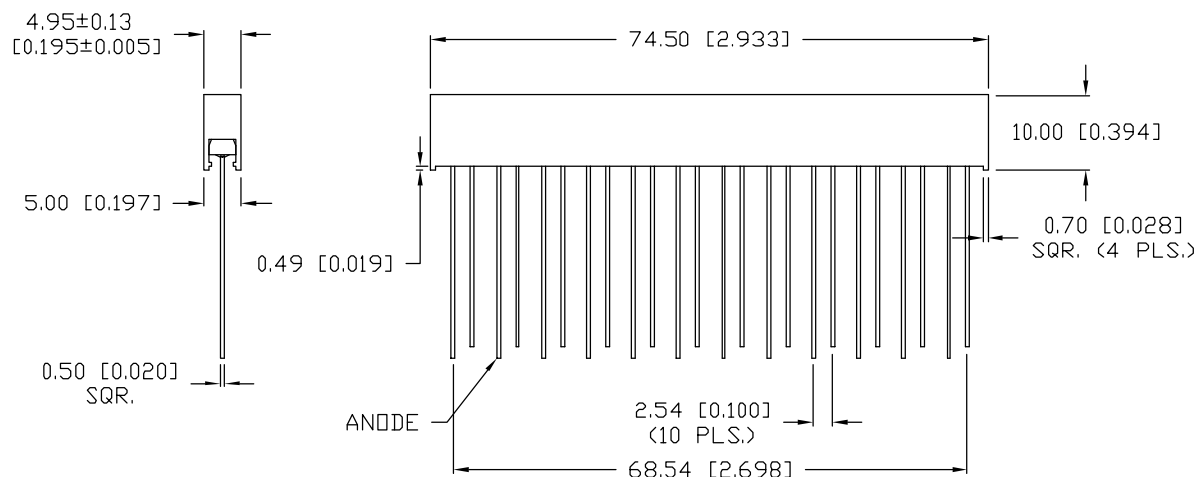
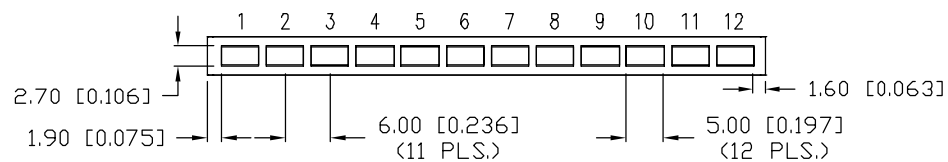
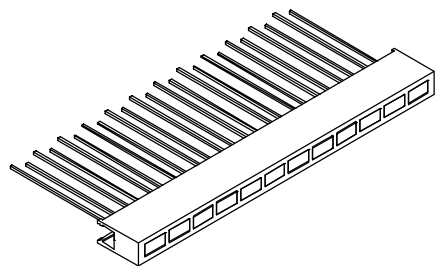


UNCONTROLLED DOCUMENT



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=20\text{mA}$				
PARAMETER	RED	YELLOW	GREEN	UNITS
PEAK WAVELENGTH	635	585	565	nm
FORWARD VOLTAGE (TYP.)	2.0	2.1	2.2	nm
FORWARD VOLTAGE (MAX.)	2.5	2.5	2.6	V _f
REVERSE VOLTAGE	5.0	5.0	5.0	V _r
AXIAL INTENSITY	8	8	8	mcd
VIEWING ANGLE	110	110	110	2x theta
LED POSITION:	1-3	4-7	8-12	
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	(R/Y/G)	30/30/25	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.2	mW/°C
OPERATING, STORAGE TEMP.		-40 TO +85	°C
SOLDERING TEMP.		+260	°C
2.0mm FROM BODY			3 SEC. MAX

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

NOTES:

- SSH-LXH1225 HOLDER, BLACK ABS UL 94V-0.
- SSL-LX25583D, 3 PCS, POS 1-3.
- SSL-LX25583YD, 4 PCS, POS 4-7. SORTED.
- SSL-LX25583GD, 5 PCS, POS 8-12. SORTED.

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.

A

PART NUMBER

SSA-LXH1225I3Y4G5D

2.5mm x 5mm 12 LED RECTANGULAR ARRAY,
POS.1-3: RED, POS.4~7: YELLOW, POS 8~12 GREEN,
COLOR DIFFUSED.

CONFIDENTIAL INFORMATION

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.

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.



290 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
US WEB: www.lumex.com
TW WEB: www.lumex.com.tw

DRAWN BY:

CT

CHECKED BY:

APPROVED BY:

DATE: 11.24.98

PAGE: 1 OF 1

SCALE: N/A