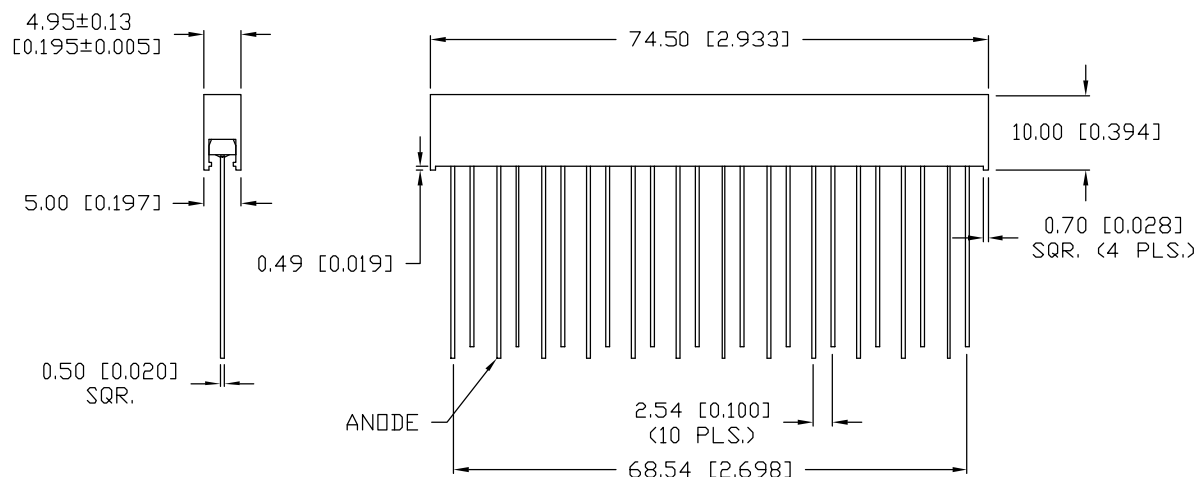
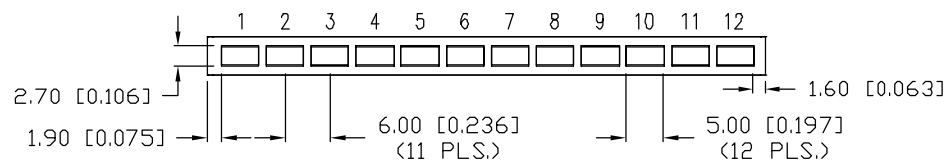
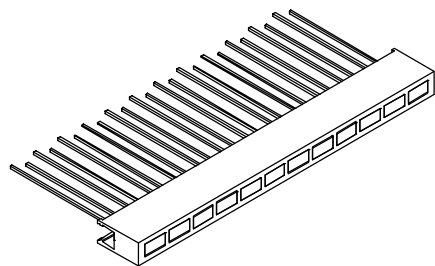


UNCONTROLLED DOCUMENT



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.

*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

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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.



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