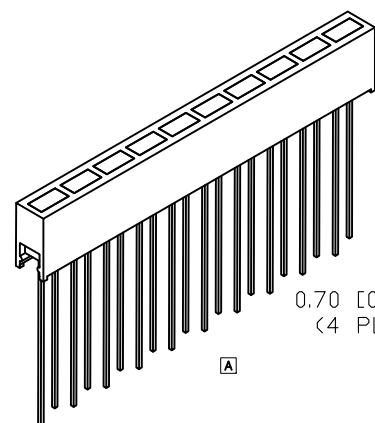
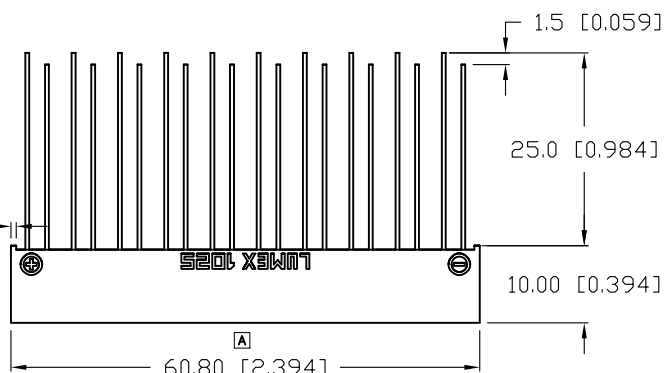
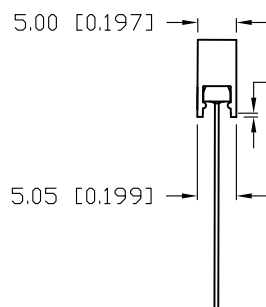
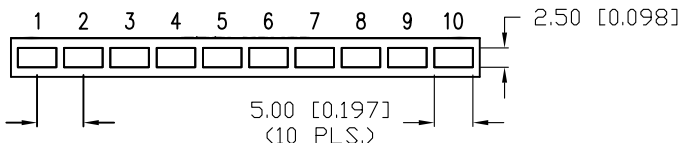
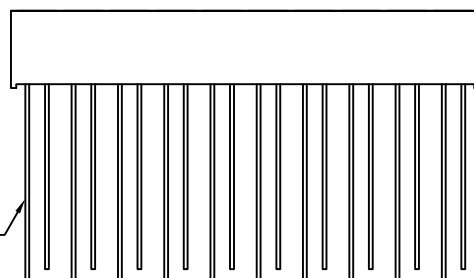


0.70 [0.028]
(4 PLS.)

A



POSITION

0.50 [0.020]
(4 PLS.)ANODE TYP.
THIS SIDE2.54 [0.100]
(10 PLS.)0.50 [0.020]
SQR. (20 PLS.)

*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 MAX.=+0.00 -DECIMAL PRECISION

PART NUMBER

SSA-LXH1025G2YIG6D

REV.

P1

REV. E.C.N. NUMBER AND REVISION COMMENTS

DATE

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

PARAMETER	GREEN	YELLOW	RED	UNITS	TEST COND
PEAK WAVELENGTH	565	585	635	nm	
FORWARD VOLTAGE (TYP.)	2.2	2.1	2.0	V _f	
FORWARD VOLTAGE (MAX.)	2.6	2.5	2.5	V _f	
REVERSE VOLTAGE	5.0	5.0	5.0	V _r	$I_f=100\mu\text{A}$
AXIAL INTENSITY	10	10	15	mcd	$I_f=20\text{mA}$
VIEWING ANGLE	110	110	110	2x theta	
LED POSITION:	1~2,5~10	3	4		
EPOXY LENS FINISH: DIFFUSED SAME AS EMITTED COLOR					

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT (G/Y/R)		25/30/30	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-LXH1025 HOLDER. MATERIAL: BLACK NYLON, UL V94-0.
- SSL-LX25583GD, GREEN LED (8 PCS.).
- SSL-LX25583YD, YELLOW LED (1 PC.).
- SSL-LX25583ID, RED LED (1 PC.).
- SORT LEDS FOR MATCHED INTENSITY PER. SPP 0202 (GREEN) AND SPP 0301 (YELLOW).

REV.

P1

PART NUMBER

SSA-LXH1025G2YIG6D

10 UNIT LED ARRAY, 2.5mm x 5mm RECTANGULAR LEDS,
POS.1~2 AND POS.5~10: GREEN, POS. 3: YELLOW,
POS.4: RED, DIFFUSED PER POSITION, UNCUT LEADS.

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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DATE: 04.22.13

PAGE: 1 OF 1

SCALE: N/A