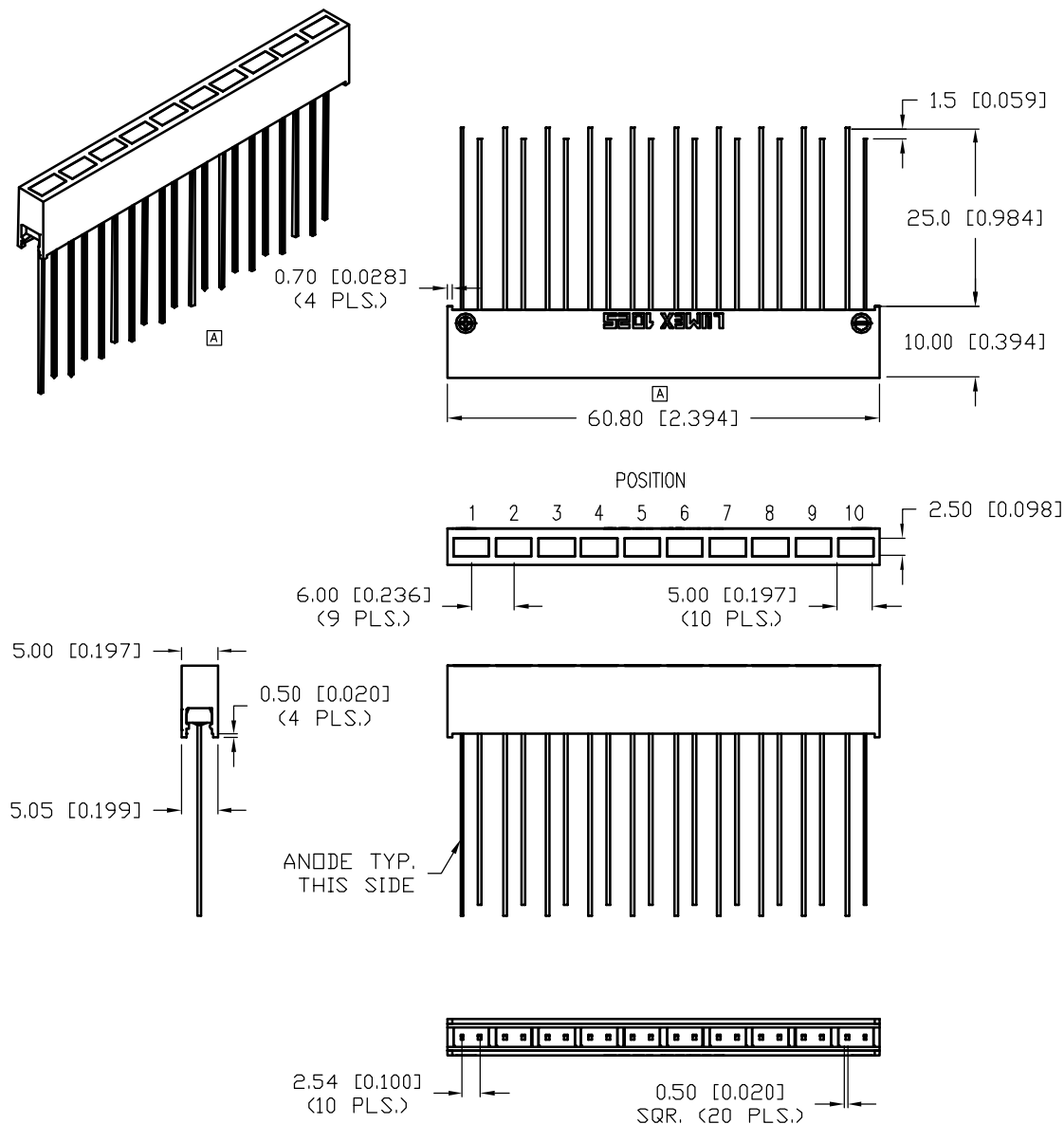


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*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN.= +DECIMAL PRECISION MAX.= +0.00 -DECIMAL PRECISION

PART NUMBER
SSA-LXH1025G8I2D

REV.
A

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	#10BRDR. & REDRAWN IN 3D, #10646.	7.21.00

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

PARAMETER	GREEN	RED	UNITS	TEST COND
PEAK WAVELENGTH	565	635	nm	
FORWARD VOLTAGE (TYP.)	2.2	2.0	V_f	
FORWARD VOLTAGE (MAX.)	2.6	2.5	V_f	
REVERSE VOLTAGE	5.0	5.0	V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY	10	10	mcd	$I_f=20\text{mA}$
VIEWING ANGLE	110	110	2x theta	
LED POSITION:	1~8	9~10		
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/R)	25/30	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.2	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-LXH1025 HOLDER. MATERIAL.: BLACK NYLON, UL V94-0.
- SSL-LX25583GD, GREEN LED (8 PCS.).
- SSL-LX25583ID, RED LED (2 PCS.).
- SORT LEDS FOR MATCHED INTENSITY PER. SPP 0202 (GREEN) AND SPP 0301 (YELLOW).

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REV.
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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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TW WEB: www.lumex.com.tw

10 UNIT LED ARRAY, 2.5mm x 5mm RECTANGULAR LEDS,
POS.1~8: GREEN, POS.9~10: RED,
DIFFUSED PER POSITION, UNCUT LEADS.

DRAWN BY: CT	CHECKED BY:	APPROVED BY:	DATE: 3.31.99 PAGE: 1 OF 1 SCALE: N/A
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