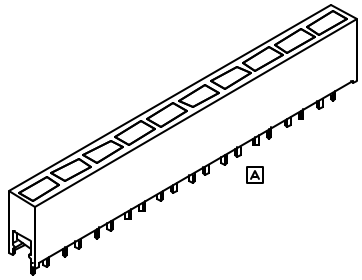
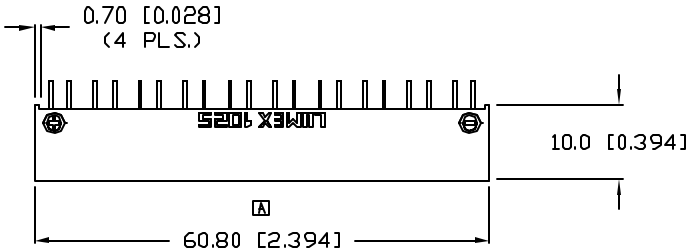
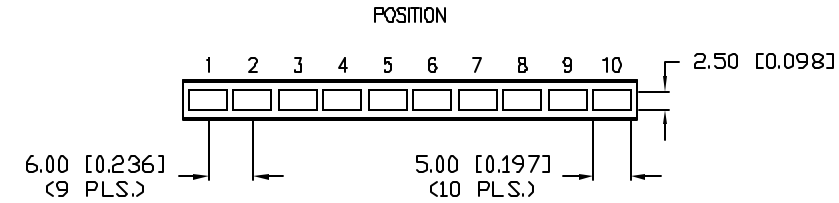
UNCONTROLLED DOCUMENT

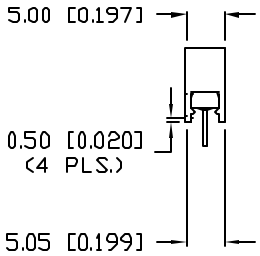
PART NUMBER	REV.
SSA–LXH1025G8Y1I1D	A

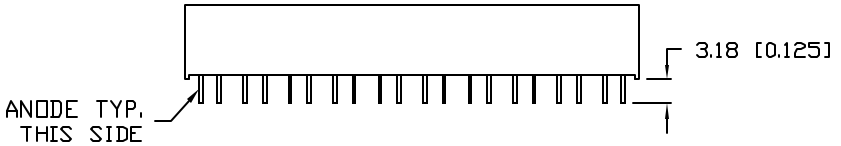
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	#10BRDR. & REDRAWN IN 3D, #10646.	7–26–00

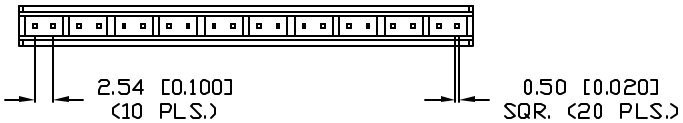












ELECTRO–OPTICAL CHARACTERISTICS T_A=25°C I_f=20mA

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_r=100µA
AXIAL INTENSITY	10	10	15	mcd	I_f=20mA
VIEWING ANGLE	110	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/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<10µS

NOTES:

1. SSH–LXH1025 HOLDER. MATERIAL: BLACK NYLON, UL V94–0.
2. SSL–LX25583GD, GREEN LED (8 PCS.).
3. SSL–LX25583YD, YELLOW LED (1 PCS.).
4. SSL–LX25583ID, RED LED (1 PCS.).
5. SORT LEDS FOR MATCHED INTENSITY PER. SPP 0202 (GREEN) AND SPP 0301 (YELLOW).

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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 −0.00 MAX.= +0.00 −DECIMAL PRECISION

REV.	PART NUMBER
A	SSA–LXH1025G8Y1I1D

10 UNIT LED ARRAY, 2.5mm x 5mm RECTANGULAR LEDS, POS. 1~8: 565nm GREEN, POS. 9: 585nm YELLOW, POS.10: 635nm RED, DIFFUSED PER POSITION, UNCUT LEADS.

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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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			SCALE: N/A