



**THE DATASHEET OF
SSA-LXH1025YD**

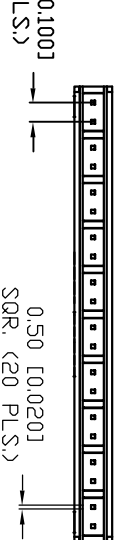
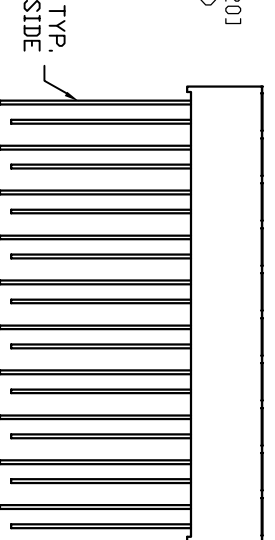
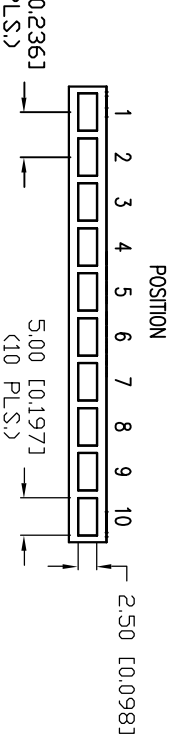
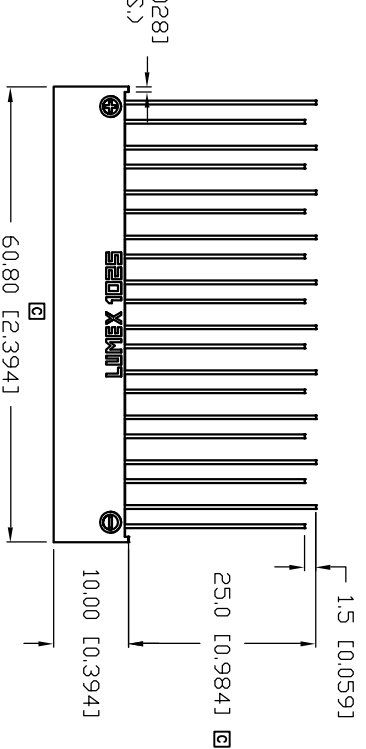


PART NUMBER
SSA-LXH1025YD

REV.

C

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10149.	5.8.96
B	E.C.N. #10BRDR.	2.21.00
C	E.C.N. #10646.	7.21.00



PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
ELECTRO-OPTICAL CHARACTERISTICS TA=25°C					If=20mA
PEAK WAVELENGTH	585		2.5	nm	
FORWARD VOLTAGE	2.1			Vf	If=100µA
REVERSE VOLTAGE	5.0			Vr	If=20mA
AXIAL INTENSITY	10			mcd	
VIEWING ANGLE	110			2x theta	
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	YELLOW DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	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:

- SSH-LXH1025 HOLDER. MATERIAL.: BLACK NYLON, UL V94-0.
- SSL-LX25583YD, YELLOW LED (10 PCS.), UNCUT LEADS.
- SORT LEADS PER INTENSITY.
- ALL UNITS ARE 100% LT FOR COLOR & INTENSITY MATCHING.

UNCONTROLLED DOCUMENT

LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030), MIN=+DECIMAL PRECISION MAX=+0.00

LEADS 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).

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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

NUMBER
1025YDmm RECTANGULAR LEADS,
DIFFUSED, UNCUT LEADS.

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