

Excellent Integrated System Limited

Stocking Distributor

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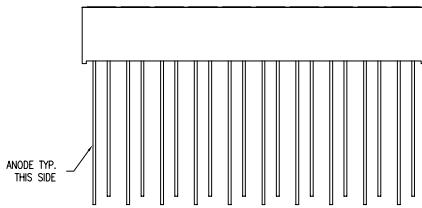
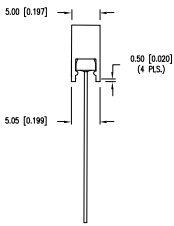
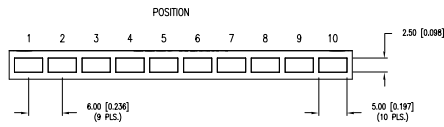
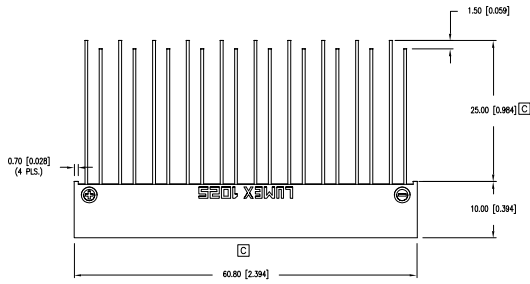
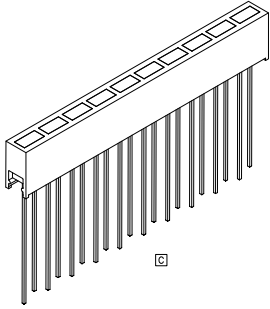
[Lumex, Inc.](#)
[SSA-LXH1025ID](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

UNCONTROLLED DOCUMENT

PART NUMBER	SSA-LXH1025ID	REV.	C
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
05.08.96	E.C.N. #10149		A
02.21.00	E.C.N. #10BRDR.		B
07.21.00	E.C.N. #10646.		C



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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		2.0	2.5	V _f	
REVERSE VOLTAGE	5.0			V _r	I _f =100µA
AXIAL INTENSITY		10		mcd	I _f =20mA
VIEWING ANGLE		110		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED 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

- NOTES:
 1. SSH-LXH1025 HOLDER. MATERIAL: BLACK NYLON, UL V94-0.
 2. SSL-LX25583ID, RED LED (10 PCS.), UNCUED LEADS.

*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= $\frac{\text{DECIMAL PRECISION}}{0.00}$ MAX= $\frac{\text{DECIMAL PRECISION}}{0.00}$



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10 UNIT LED ARRAY, 2.5mm x 5mm RECTANGULAR LEADS, 635nm RED LEADS, RED DIFFUSED, UNCUED LEADS.
 THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.
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DATE:	01.25.91	DRAWN BY:	BC
PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	N/A	APRVD BY:	BC
UNIT:	mm [INCH]		