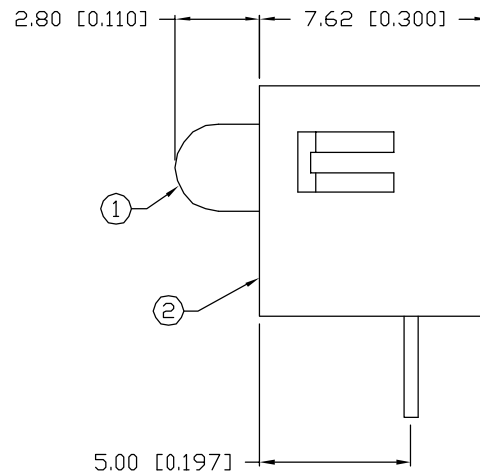
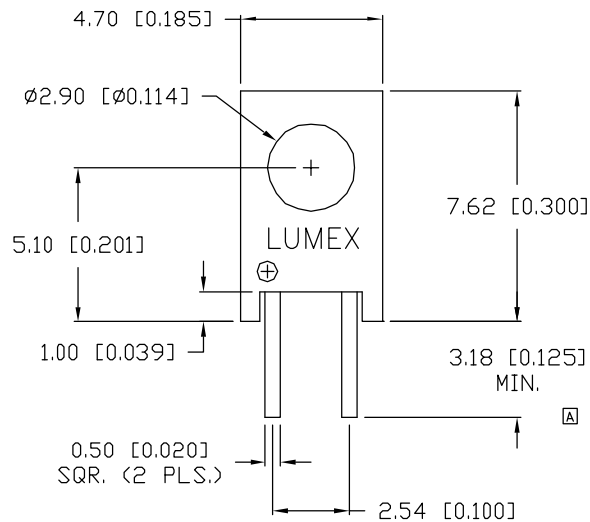


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PART NUMBER
SSF-LXH304LID

REV.
B

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	UPDATED SPECS, CHANGED LEAD LENGTH.	10-10-95
B	E.C.N. #10BRDR. & REDRAWN.	5-7-99



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED)		nm	
FORWARD VOLTAGE		2.0	2.5	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY		40		mcd	$I_f=20\text{mA}$
	1.0			mcd	$I_f=2\text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFFUSED				

NOTES:

1. SSL-LX3044LID LED, LOW CURRENT RED.
2. SSH-LXH304 HOLDER, BLACK.

[A] 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	- 1.6	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

* $t < 10\mu\text{s}$

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*UNLESS OTHERWISE SPECIFIED TOLERANCE IS $\pm 0.25\text{mm}$ ($\pm 0.010"$)

REV.
B

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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.

LUMEX
INCORPORATED

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PALATINE, ILLINOIS 60067
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DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE: 11-2-92
JO/CK/DU			PAGE: 1 OF 1
			SCALE: N/A

T-3mm (T-1) RIGHT ANGLE FAULT INDICATOR,
635nm RED LED, RED DIFFUSED LENS,
LOW CURRENT SELECTION.