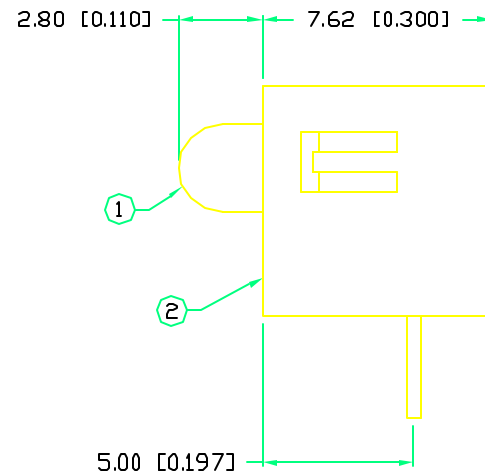
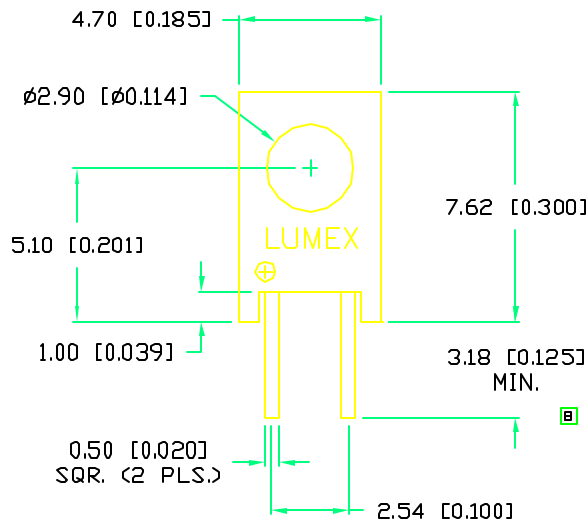


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PART NUMBER
SSF-LXH304SRD

REV.
C

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	REDRAWN./	11-2-92
B	UPDATED SPECS, CHANGED LEAD LENGTH.	10-10-95
C	E.C.N. #10BRDR. & REDRAWN.	5-7-99



NOTES:

1. SSL-LX3044SRD LED, SUPER RED.
2. SSH-LXH304 HOLDER, BLACK.

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660 (RED)		nm	
FORWARD VOLTAGE		1.7	2.3	V_f	
REVERSE VOLTAGE	4.0			V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY		80		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		60		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	100	mW
DERATE FROM 25°C	-1.6	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°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.
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INCORPORATED

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T-3mm (T-1) RIGHT ANGLE FAULT INDICATOR,
660nm SUPER RED LED, RED DIFFUSED LENS.

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.

DRAWN BY: jd/ck/du	CHECKED BY:	APPROVED BY:	DATE: 11-25-91
			PAGE: 1 OF 1
			SCALE: N/A