

UNCONTROLLED DOCUMENT

PART NUMBER
SSF-LXH42103SRD

REV.
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REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. UPDATED SPECS., ADDED NOTE 5./	10.17.95

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		1.7	2.2	V _f	
REVERSE VOLTAGE	4.0			V _r	I _r = 100μA
AXIAL INTENSITY		80		md	I _f = 20mA
VIEWING ANGLE		80		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	—1.3	mW/°C
OPERATING, STORAGE TEMP.	—40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

* $t < 10 \mu s$

NOTES:

1. SSL-LX3D44SRD (8 PCS) LED.
2. SSH-LXH42103 HOLDER. MATERIAL: BLACK NYLON, UL 94V-0.
3. TOLERANCES: ± 0.51 (± 0.020)
4. LEDS TO APPEAR EVEN IN BRIGHTNESS IN LIT CONDITION.
5. PARTS TO BE SUPPLIED IN TUBES.

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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 MAX.=+0.00 -DECIMAL PRECISION

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RIGHT ANGLE FAULT LED INDICATOR.		DRAWN BY: JD	CHECKED BY: APPROVED BY: DATE: 10.18.04 PAGE: 1 OF 1 SCALE: N/A