

PART NUMBER		REV.
SSF-LXH100MHGW		C
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	CHANGED LEAD LENGTH.	10-8-93
B	E.C.N. #10291.	1-13-97
C	E.C.N. #10563.	2-4-00



1. SSH-LXH100M, BLACK NYLON HOLDER, 94V-0.
2. SSL-LX509F3HGW, RED/GREEN LED.

ELECTRO—OPTICAL CHARACTERISTICS			T _A =25°C		I _f =20mA	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND	
PEAK WAVELENGTH		700 (RED)		nm		
		565 (GREEN)		nm		
FORWARD VOLTAGE (R/G)		2.0/2.2	2.5/2.6	V _f		
REVERSE VOLTAGE	5.0			V _r		I _r =100μA
AXIAL INTENSITY (R/G)		6/20		mcd		I _f =20mA
VIEWING ANGLE		60		2x theta		
EMITTED COLOR:	RED/GREEN					
EPOXY LENS FINISH:	MILKY WHITE 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

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

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010). LEAD SIZE=±0.05(±0.002), LEAD LENGTH=±0.75 (±0.030). MIN.= +DECIMAL PRECISION MAX.= +0.00
-0.00 -DECIMAL PRECISION

REV. C	PART NUMBER SSF-LXH100MHGW	<u>CONFIDENTIAL INFORMATION</u> THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES. <u>RELIABILITY NOTE</u> 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.	 290 E. HELLEN ROAD PALATINE, ILLINOIS 60067 PHONE: (847) 359-2790 WEB: http://www.lumex.com
T-5mm (T-1 3/4) MATING RIGHT ANGLE FAULT INDICATOR, RED/GREEN BICOLOR LED, MILKY WHITE DIFFUSED LENS.		DRAWN BY: BC	CHECKED BY: APPROVED BY: DATE: 9-25-92 PAGE: 1 OF 1 SCALE: N/A

Mouser Electronics

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