UNCONTROLLED DOCUMENT

PART NUMBER	SSF-LXH513IIGD	REV.	А
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
02.04.13	E.C.N. #10BRDR. & REDRAWN/ E.C.N. #11851.		Α

	1.52 [0.060]	12.85 [0.506]	-
5.08 [0.200]			
ø1.80 [ø0.071] (3 PLS.)	3.30 [0.130] (2 PLS.)		10.16 [0.400]
	1.78 [0.070]	0.40 [0.016] (3 PLS.)	3.20 [0.126]
0.50 [0.020] (6 PLS.) 2.54 [0.1	100]	(3 PLS.)	2.54 [0.100] (2 PLS.)

ELECTRO-OPTICAL CHARACTI	ERISTICS Ta=25°C	If=20m	A		
PARAMETER	RED	RED	GREEN	UNITS	TEST COND
PEAK WAVELENGTH	635	635	565	nm	
FORWARD VOLTAGE (TYP.)	2.0	2.0	2.2	Vf	
FORWARD VOLTAGE (MAX.)	2.5	2.5	2.6	Vf	
REVERSE VOLTAGE	5.0	5.0	5.0	Vr	Ir=100µA
AXIAL INTENSITY (TYP)	6	6	6	mcd	If=20mA
VIEWING ANGLE	70	70	70	2x theta	
LED POSITION:	1	2	3		
LENS FINISH:	DIFFUSED SAME	AS EMITTED	COLOR		

LIMITS OF SAFE OPERATION AT 25°C						
PARAMETER	COLORS	MAX	UNITS	_		
PEAK FORWARD CURRENT*		150	mA			
STEADY CURRENT	(R/G)	30/25	mA			
POWER DISSIPATION		105	mW			
DERATE FROM 25°C		-1.6	mW/*C			
OPERATING TEMP.		-40 TO +85	.C			
STORAGE TEMP.		-40 TO +85	•C			
SOLDERING TEMP.		+260	*C			
2.0mm FROM BODY		3	SEC.			
* t<10µS				_		

\*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=  $^{+0.00}_{-0.00}$  PRECISION MAX.=  $^{+0.00}_{-0.000}$  PRECISION

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\*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.\*\*

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UNCONTROLLED DOCUMENT DATE: 02.04.13 DRAWN BY: MA PAGE: 1 OF 1 CHKD BY: KF SCALE: NTS APRVD BY: KF (Pg) UNIT: mm [INCH]

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T-1.8mm LED RIGHT ANGLE THREE HIGH, FAULT INDICATOR, POS. 1,2: RED, POS.3: GREEN, EMITTED COLOR DIFFUSED.

## **Mouser Electronics**

**Authorized Distributor** 

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Lumex:

SSF-LXH513IIGD