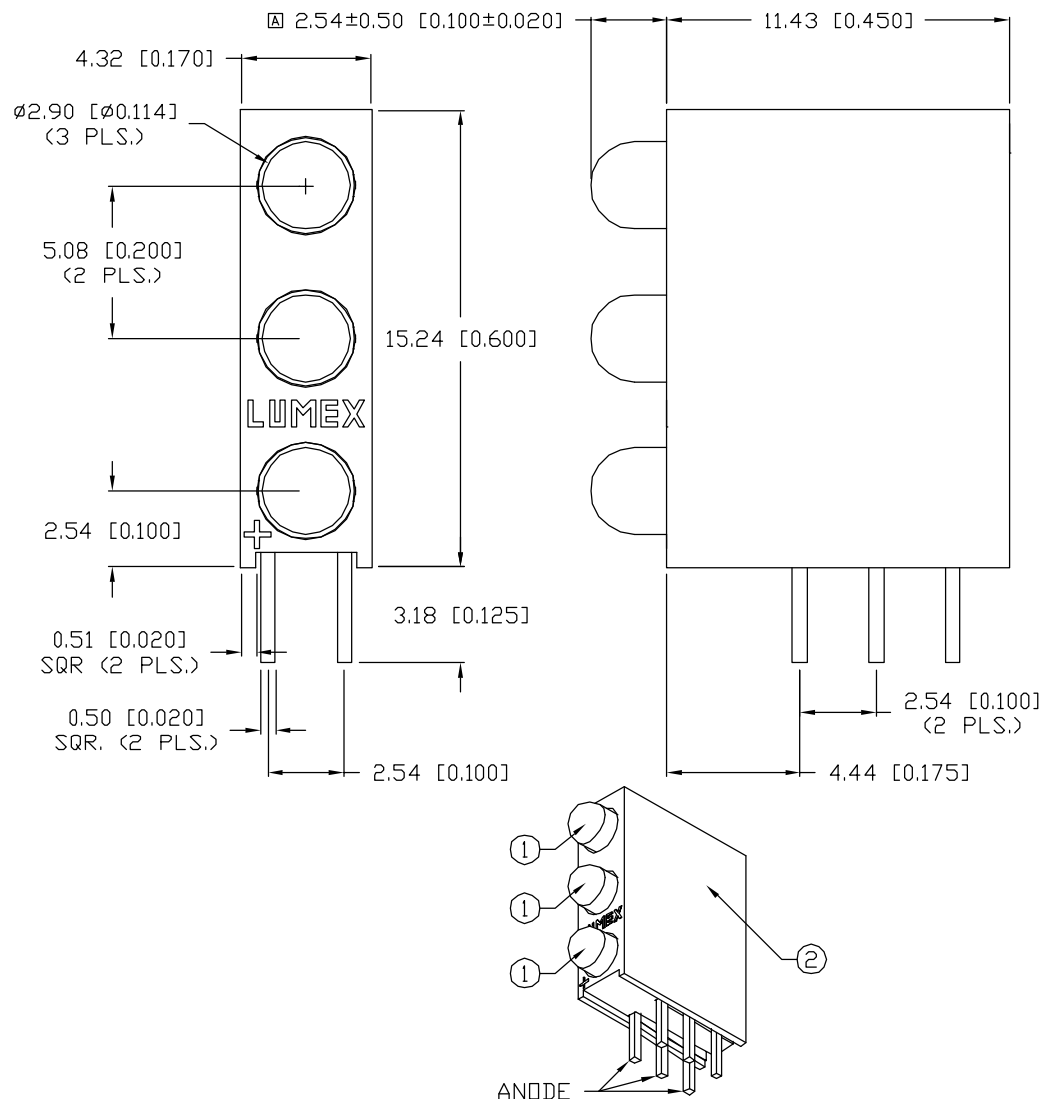


UNCONTROLLED DOCUMENT

PART NUMBER
SSF-LXH340SUGUGUGDREV.
A

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11521.	11.04.08

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

PARAMETER	GREEN	GREEN	GREEN	UNITS	TEST COND
PEAK WAVELENGTH	574	574	574	nm	
FORWARD VOLTAGE (TYP.)	2.2	2.2	2.2	V _f	
FORWARD VOLTAGE (MAX.)	2.8	2.8	2.8	V _f	
REVERSE VOLTAGE	5.0	5.0	5.0	V _r	$I_r=100\mu\text{A}$
AXIAL INTENSITY	60	60	60	mcd	$I_f=20\text{mA}$
VIEWING ANGLE	60	60	60	2x theta	
LED POSITION:	1	2	3		
EPOXY LENS FINISH: DIFFUSED SAME AS EMITTED COLOR					

LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT		25	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

* $I_t < 10\mu\text{S}$

NOTES:

- SSL-LX3044SUGD, SUPER ULTRA GREEN LED.
- SSH-LXH340 HOLDER, BLACK NYLON, 94V-0.



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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

REV.

A

PART NUMBER

SSF-LXH340SUGUGUGD

T-3mm (T-1) RIGHT ANGLE FAULT INDICATOR HOLDER,
POS. 1,2,3: 574nm AlInGaP GREEN LEDS,
GREEN DIFFUSED.

CONFIDENTIAL INFORMATION

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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.



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