

UNDER REVISION

SC:0.25

PART NUMBER

REV.

SSF-LXH340AAGD

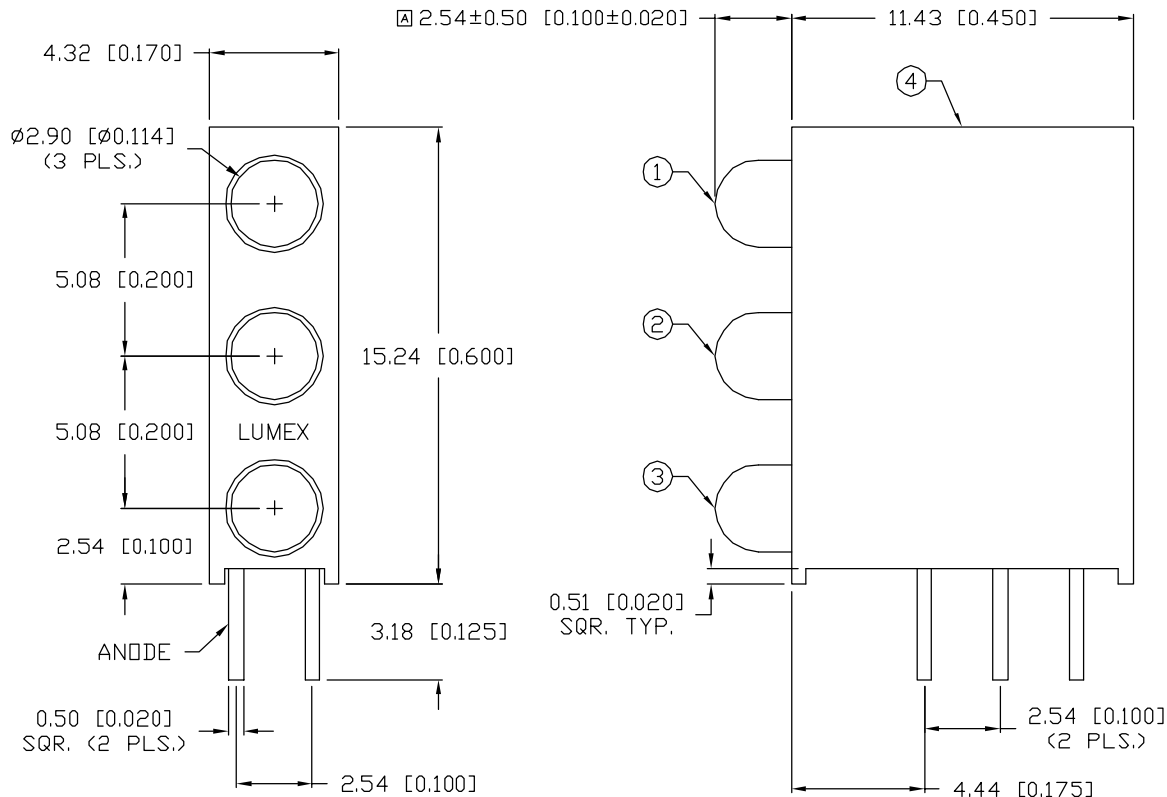
REV. E.C.N. NUMBER AND REVISION COMMENTS

DATE

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E.C.N. #11521.

09.19.08



NOTES:

1. SSL-LX3044AD, AMBER LED, AMBER DIFFUSED LENS.
2. SSL-LX3044AD, AMBER LED, GREEN DIFFUSED LENS.
3. SSL-LX3044GD, GREEN LED, YELLOW DIFFUSED LENS.
4. SSH-LXH340 HOLDER, BLACK NYLON, 94V-0.

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

PARAMETER	AMBER	GREEN	UNITS	TEST COND
PEAK WAVELENGTH	605	565	nm	
FORWARD VOLTAGE (TYP.)	2.0	2.2	nm	
FORWARD VOLTAGE (MAX.)	2.5	2.6	V _f	
REVERSE VOLTAGE	5.0	5.0	V _r	I _r =100μA
AXIAL INTENSITY	30	20	mcd	I _f =20mA
VIEWING ANGLE	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 CHIP

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(A/G)	30/25	mA
POWER DISSIPATION		105	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<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.=+DECIMAL PRECISION MAX.=+0.00 -DECIMAL PRECISION

REV.

PART NUMBER

SSF-LXH340AAGD

T-3mm (T-1) RIGHT ANGLE FAULT INDICATOR HOLDER.
POS,1&2: 605 AMBER LED, POS,3: 565nm GREEN LED,
DIFFUSED PER COLOR

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.



290 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
US WEB: www.lumex.com
TW WEB: www.lumex.com.tw

DRAWN BY:

CHECKED BY:

APPROVED BY:

DATE: 5.16.07

JC

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SCALE: N/A