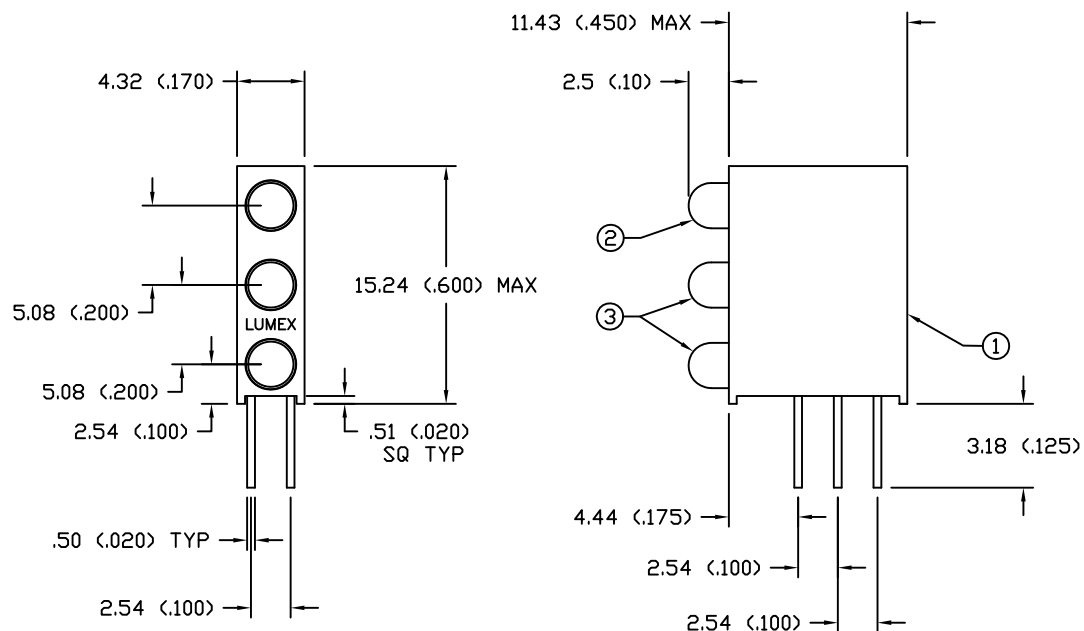


DATE

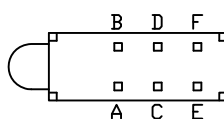
REVISIONS

REV

DRAWING NUMBER
SSF-LXH340YGWGGDREV
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PIN-OUT

A	LED-GREEN ANODE
B	LED-GREEN CATHODE
C	LED-GREEN ANODE
D	LED-GREEN CATHODE
E	BICOLOR LED-YELLOW ANODE
F	BICOLOR LED-GREEN ANODE

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK COLOR WAVELENGTH		585 (YELLOW)		nm	
		565 (GREEN)		nm	
FORWARD VOLTS (Y/G)		2.1	2.8	V_f	
AXIAL INTENSITY (TYP)		20		mcd	$I_f=20\text{mA}$
VIEWING ANGLE (TYP)		80		2x theta	
EMITTER COLOR		YELLOW/GREEN, GREEN			
EPOXY LENS FINISH		MILKY WHITE DIFFUSED/GRN DIF/GRN DIF			

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT (Y/G)*	150	mA
STEADY CURRENT (Y/G)	30/25	mA
POWER DISSIPATION (Y/G)	105	mW
DERATE FROM 25°C	-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP	-40 TO +85	$^\circ\text{C}$
LEAD SOLDERING TEMP	+260	$^\circ\text{C}$
2.0mm FROM BODY		3 SEC. MAX

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

BILL OF MATERIALS:

- SSH-LXH340 HOLDER, MATERIAL: BLACK NYLON 94V-0.
- SSL-LX3044YGW LED (1 PIECES).
- SSL-LX3044GD LED (2 PIECES).

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.

UNCONTROLLED DOCUMENT

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DATE:	6.18.15	DWN:	CHK'D:	APPD:
SCALE:	N/A	MJK		

T-3mm LED, RIGHT ANGLE FAULT INDICATOR,
YELLOW/GREEN BICOLOR, 2 GREEN DIFFUSED

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