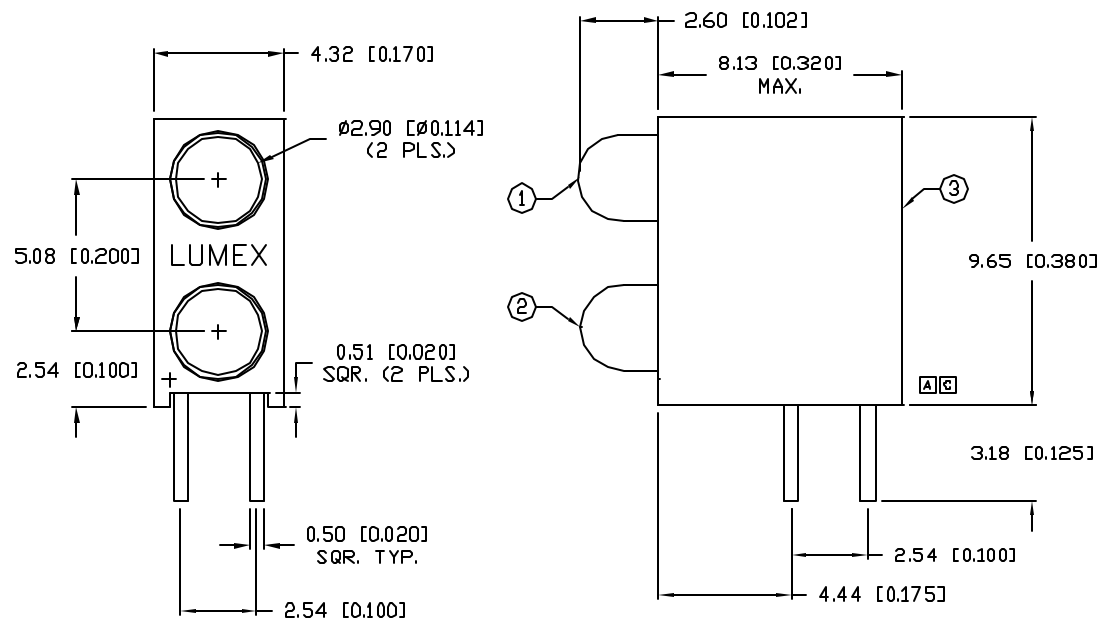
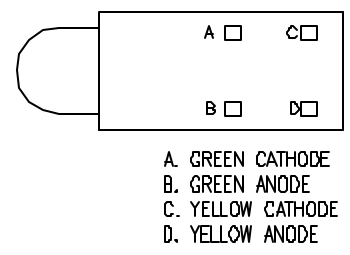


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PART NUMBER		REV.
SSF-LXH240YGD		F
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. CHG'D. STAND-OFF HOLDER BOTTOM.	08.16.94
B	E.C.N. UPDATE SPECS.	11.29.94
C	E.C.N. CHG'D. HOLDER BOTTOM.	02.06.95
D	E.C.N. #10100.	10.05.95
E	E.C.N. #10104.	02.06.96
F	E.C.N. #10BRDR. & #11148.	06.19.08



- NOTES:
1. SSL-LX3044YD, YELLOW LED.
 2. SSL-LX3044GD, GREEN LED.
 3. SSH-LXH240 HOLDER. MATERIAL: BLACK NYLON 94V-0.



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

PARAMETER	YELLOW	GREEN	UNITS	TEST COND
PEAK WAVELENGTH	585	565	nm	
FORWARD VOLTAGE (TYP.)	2.1	2.2	V _f	
FORWARD VOLTAGE (MAX.)	2.5	2.6	V _f	
REVERSE VOLTAGE	5.0	5.0	V _r	I _r =100μA
AXIAL INTENSITY	30	30	mcd	I _f =20mA
VIEWING ANGLE	60	60	2x theta	
LED POSITION:	1	2		
EPOXY LENS FINISH: DIFFUSED SAME AS EMITTED COLOR				

LIMITS OF SAFE OPERATION AT 25°C PER LED

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(Y/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

* $t < 10\mu s$

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*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION -0.00 MAX.= +0.00 -DECIMAL PRECISION

REV.	PART NUMBER
F	SSF-LXH240YGD
T-3mm LED, DUAL LEVEL RIGHT ANGLE PCB IND.	
TOP POS: YELLOW, BOTTOM POS: GREEN.	

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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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			SCALE: N/A

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