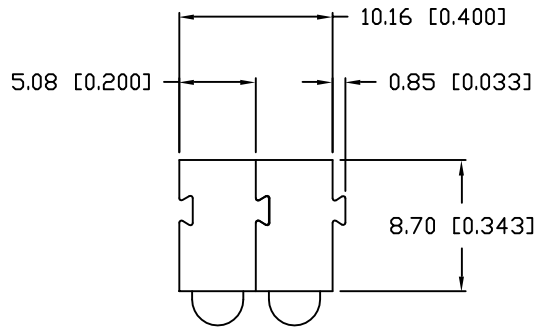


UNCONTROLLED DOCUMENT

PART NUMBER  
SSF-LXH2300GAD

REV.  
B

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	ADDED LEAD LENGTH, UPDATED SAFE OPER. SPECS.	9-22-94
B	E.C.N. #10BRDR. & REDRAWN.	12-29-98

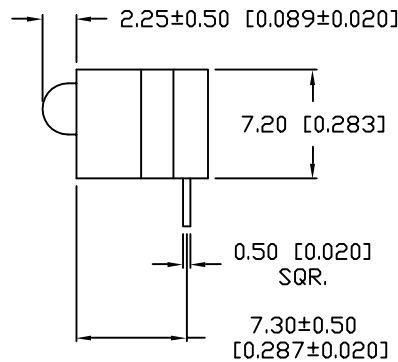
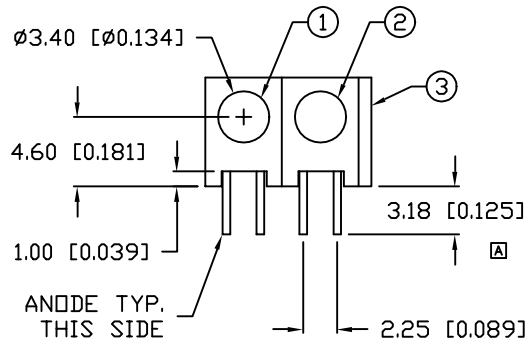


NOTES:

1. SSL-LX306F4GD, GREEN LED.  
1 PC. POSITION 1.
2. SSL-LX306F4AD, AMBER LED.  
1 PC. POSITION 2.
3. SSH-LX2300 HOLDER,  
BLACK. 2 PCS.

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

PARAMETER	GREEN	AMBER	UNITS	TEST COND
PEAK WAVELENGTH	565	605	nm	
FORWARD VOLTAGE (TYP.)	2.2	2.0	nm	
FORWARD VOLTAGE (MAX.)	2.6	2.5	V <sub>f</sub>	
REVERSE VOLTAGE	5.0	5.0	V <sub>r</sub>	I <sub>r</sub> =100μA
AXIAL INTENSITY	30	30	mcd	I <sub>f</sub> =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

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(G/A)	25/30	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

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

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\*UNLESS OTHERWISE SPECIFIED TOLERANCE IS  $\pm 0.25\text{mm}$  ( $\pm 0.010''$ )

REV. B	PART NUMBER SSF-LXH2300GAD
T-3mm (T-1) MATING RIGHT ANGLE INDICATOR, 2 POSITIONS, GREEN AND AMBER LEDS, 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.

**LUMEX**  
INCORPORATED

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			PAGE: 1 OF 1
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