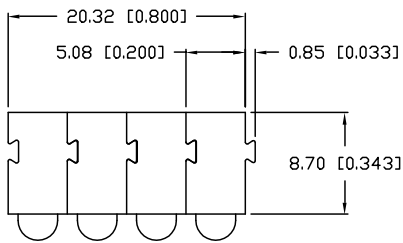


UNCONTROLLED DOCUMENT

PART NUMBER		REV.
SSF-LXH2300GGIGD		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

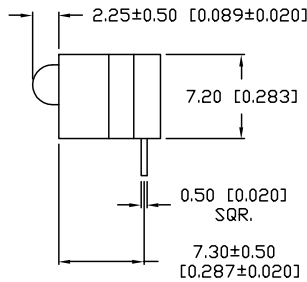
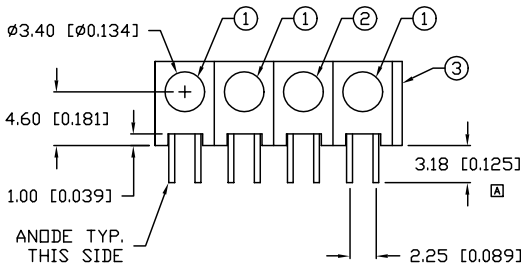


NOTES:

1. SSL-LX306F4GD, GREEN LED.
3 PC. POSITIONS 1, 2, & 4.
2. SSL-LX306F4ID, RED LED.
1 PC. POSITION 3.
3. SSH-LX2300 HOLDER, BLACK. 4 PCS.

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

PARAMETER	GREEN	RED	UNITS	TEST COND
PEAK WAVELENGTH	565	635	nm	
FORWARD VOLTAGE (TYP.)	2.2	2.0	nm	
FORWARD VOLTAGE (MAX.)	2.6	2.5	V_f	
REVERSE VOLTAGE	5.0	5.0	V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY	30	40	mcd	$I_f=20\text{mA}$
VIEWING ANGLE	60	60	2x theta	
LED POSITION:	1, 2, & 4	3		
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/R)	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.	PART NUMBER
B	SSF-LXH2300GGIGD
T-3mm (T-1) MATING RIGHT ANGLE INDICATOR, 4 POSITIONS, GREEN AND RED 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.



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DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE: 3-14-94
DU			PAGE: 1 OF 1
			SCALE: N/A