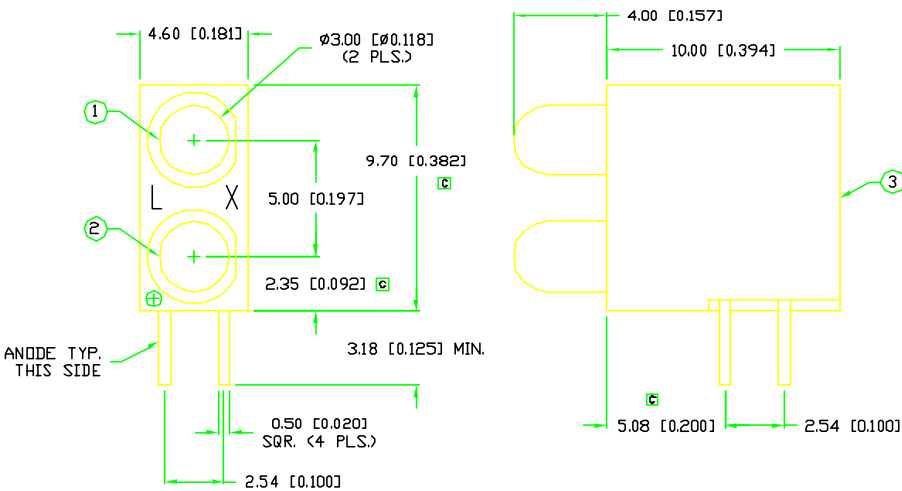


PART NUMBER		REV.
SSF-LXH2103IGD/4		C
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	CHG'D LEAD LENGTH./	10-6-93
B	CHG'D TO SSH-LXH2103 HOLDER./	2-24-94
C	E.C.N. #10449 & #10BRDR. & REDRAWN.	8-11-98



- NOTES:
1. SSL-LX3054ID, RED LED.
 2. SSL-LX3054GD, GREEN LED.
 3. SSH-LXH2103 HOLDER.

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED)		nm	
		565 (GREEN)		nm	
FORWARD VOLTAGE (R/G)		2.0/2.2	2.5/2.6	V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100μA
AXIAL INTENSITY (R/G)		40/30		mcd	I _f =20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	POSITION 1-RED				
	POSITION 2-GREEN				
EPOXY LENS FINISH:	POSITION 1-RED DIFFUSED				
	POSITION 2-GREEN DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(R/G)	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<10μS

*UNLESS OTHERWISE SPECIFIED TOLERANCE IS ±0.25mm (±0.010")

REV.	PART NUMBER
C	SSF-LXH2103IGD/4

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T-3mm (T-1) LED, PIGGY-BACK HOLDER,
 POS.1: RED LED, RED DIFFUSED LENS,
 POS.2: GREEN LED, GREEN DIFFUSED LENS.

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.

DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE: 6-5-92
MS/BC			PAGE: 1 OF 1
			SCALE: N/A