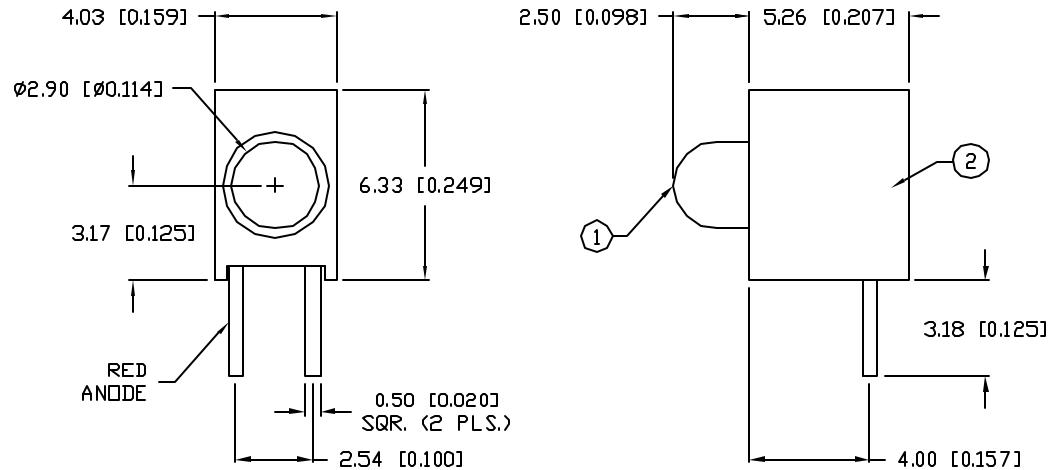


PART NUMBER
SSF-LXH303IGW

REV.
C

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	REDRAWN./	12-16-93
B	UPDATED SAFE OPER. SPECS./	10-11-94
C	E.C.N. #10BRDR. & REDRAWN.	9-2-98



ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=20mA				
PARAMETER	MIN	TYP	MAX	UNITS
PEAK WAVELENGTH	635 (RED)			nm
	565 (GREEN)			nm
FORWARD VOLTAGE (R/G)	2.0/2.2	2.5/2.6		Vf
REVERSE VOLTAGE	5.0			Vr
AXIAL INTENSITY (R/G)	25/20			mod
VIEWING ANGLE	60			2x theta
EMITTED COLOR:	RED/GREEN			
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C			
PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*	(R/G)	150	mA
STEADY CURRENT	(R/G)	30/25	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.26	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85		°C
SOLDERING TEMP.	+260		°C
2.0mm FROM BODY			3 SEC. MAX

* t<10μs

NOTES:

1. SSL-LX3044IGW, RED/GREEN BICOLOR LED.
2. SSH-LXH303 HOLDER, BLACK NYLON, UL 94V-0.

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

REV.	PART NUMBER
C	SSF-LXH303IGW

T-3mm (T-1) LED FAULT INDICATOR,
RED/GREEN BICOLOR LED, MILKY WHITE DIFFUSED LENS.

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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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