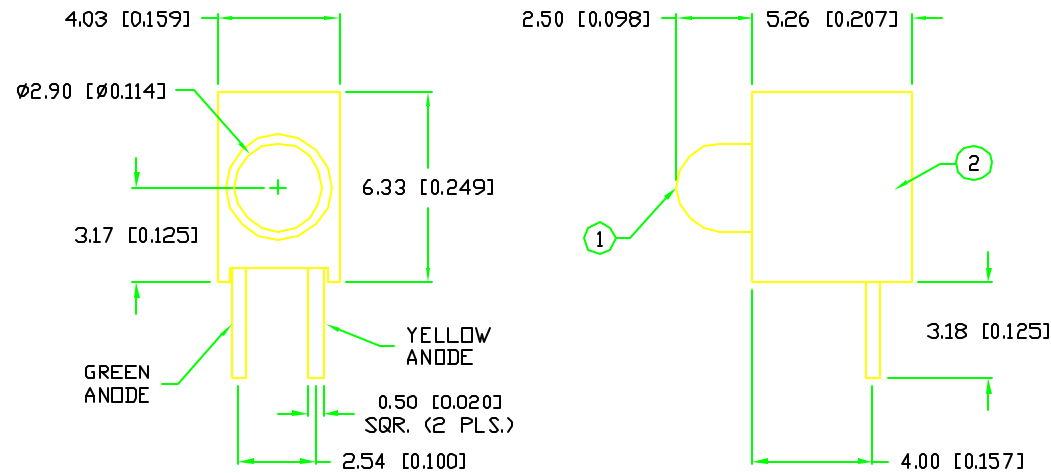


PART NUMBER
SSF-LXH303GYW

REV.

REV. E.C.N. NUMBER AND REVISION COMMENTS

DATE



NOTES:

1. SSL-LX3044GYW, GREEN/YELLOW BICOLOR LED.
2. SSH-LXH303 HOLDER, BLACK NYLON, UL 94V-0.

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565 (GREEN)		nm	
		585 (YELLOW)		nm	
FORWARD VOLTAGE (G/Y)		2.2/2.0	2.6/2.5	V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100μA
AXIAL INTENSITY (G/Y)		20/25		mcd	I _f =20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	GREEN/YELLOW				
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

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

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

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

REV.

PART NUMBER
SSF-LXH303GYW

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

DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE: 8.24.04
			PAGE: 1 OF 1
			SCALE: N/A