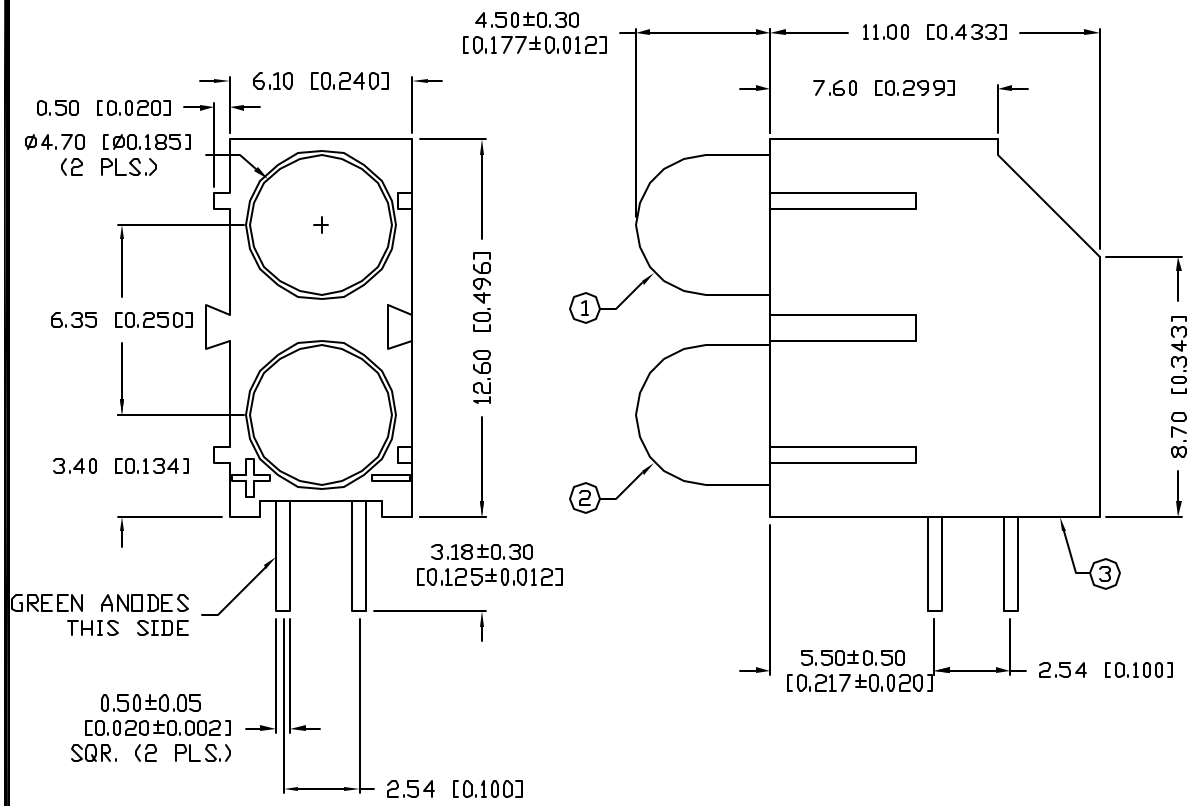
UNCONTROLLED DOCUMENT

PART NUMBER

SSF-LXHM250GYGAW

REV.



ELECTRO-OPTICAL CHARACTERISTICS T_A=25°C I_f=20mA

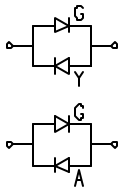
PARAMETER	YELLOW	GREEN	AMBER	UNITS	TEST COND
PEAK WAVELENGTH	585nm	565nm	605nm	nm	
FORWARD VOLTAGE (TYP.)	2.1	2.2	2.0	V_f	
FORWARD VOLTAGE (MAX.)	2.5	2.6	2.5	V_f	
REVERSE VOLTAGE	5.0	5.0	5.0	V_r	I_r=100µA
AXIAL INTENSITY	10	25	25	mcd	I_f=20mA
VIEWING ANGLE	60	60	60	2x theta	
LED POSITION:	1	1~2	2		
EPOXY 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	(Y/A/G)	30/25/30	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.2	mW/°C
OPERATING, STORAGE TEMP.		-40 TO +85	°C
SOLDERING TEMP.		+260	°C
2.0mm FROM BODY			3 SEC. MAX

* t<10µS

TOP VIEW POLARITY



NOTES:

1. SSL-LX509F3GYW, GREEN/YELLOW BICOLOR LED.
2. SSL-LX509F3GAW, GREEN/AMBER BICOLOR LED.
3. SSH-LXHM250, BLACK HOLDER.

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*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION -0.00 MAX.= +0.00 -DECIMAL PRECISION

REV.

PART NUMBER

SSF-LXHM250GYGAW

T-5mm (T-1 3/4) LED, RIGHT ANGLE FAULT INDICATOR
POS.1: GREEN/YELLOW, POS.2: GREEN/AMBER,
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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DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE: 4.08.02
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			SCALE: N/A