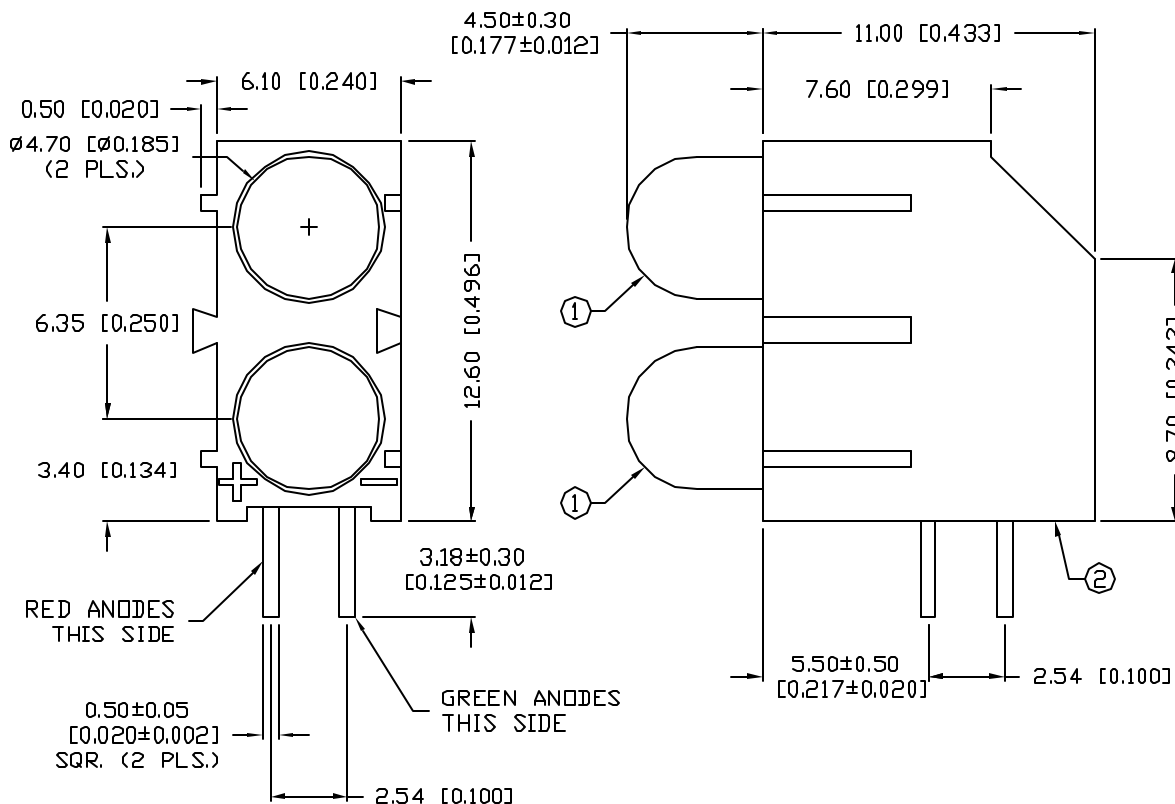


UNCONTROLLED DOCUMENT



NOTES:

1. SSL-LX509F3KGW, RED/GREEN BICOLOR LED. (2 PCS.)
2. SSH-LXHM250, BLACK HOLDER.

PART NUMBER
SSF-LXHM250IGIGW

REV.
D

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	CHANGED LEAD LENGTH.	10-18-93
B	E.C.N. #10305.	2-5-97
C	E.C.N. #10333.	4-17-97
D	E.C.N. #10500 & #10BRDR. & REDRAWN.	4-7-99

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) 565 (GREEN)		nm	
FORWARD VOLTAGE (R/G)		2.0/2.2	2.5/2.6	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY (R/G)		30/25		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	POSITION 1-RED/GREEN POSITION 2-RED/GREEN				
EPOXY LENS FINISH:	POSITION 1-MILKY WHITE DIFFUSED POSITION 2-MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C			
PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(R/G)	30/25	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.		-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.		+260	$^\circ\text{C}$
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.
D

PART NUMBER
SSF-LXHM250IGIGW

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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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BC			PAGE: 1 OF 1
			SCALE: N/A

T-5mm (T-1 3/4) LED, RIGHT ANGLE FAULT INDICATOR,
TWO 635nm RED/565nm GREEN BICOLOR LEDS,
MILKY WHITE DIFFUSED LENS.

AMEYA360

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