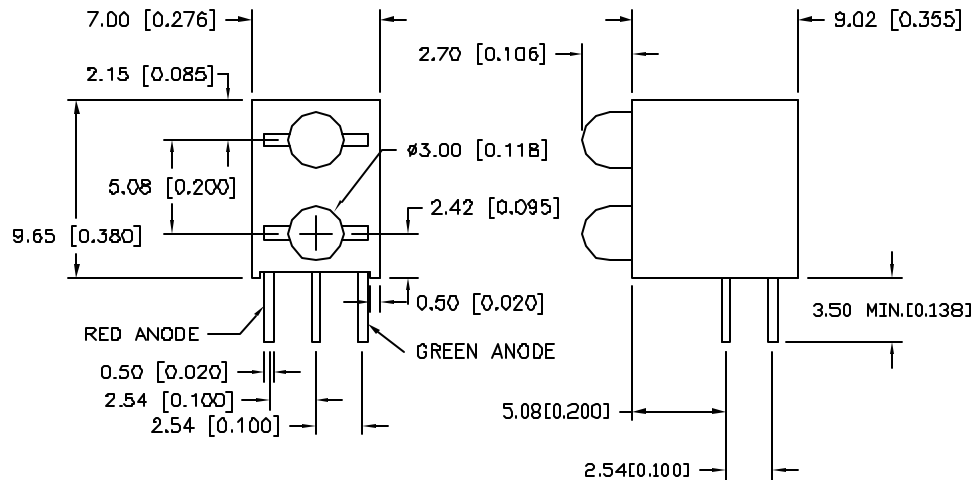


DATE	REVISIONS	REV
4-14-97	E.C.N. #10332./	A

DRAWING NUMBER	REV
SSF-LXH2109IGIW	A

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK COLOR WAVELENGTH		635 (RED)		nm	
		565 (GREEN)		nm	
FORWARD VOLTAGE (R/G)		2.0	2.8	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r = 100\mu\text{A}$
AXIAL INTENSITY (R/G)		10.0		mcd	$I_f = 20\text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLORS	POSITION 1-RED/GREEN		POSITION 2-RED/GREEN		
EPOXY LENS FINISH	POSITION 1-WHITE DIFFUSED		POSITION 2-WHITE DIFFUSED		



LIMITS OF SAFE OPERATION AT 25 DEG. C		
PARAMETER	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/ °C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
LEAD SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

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

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.

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

MS/TK

LUMEX
OPTO COMPONENTS INC.

290 E. HELLEN ROAD
PALATINE, ILLINOIS 60067
(847) 359-2790

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DATE: 11-6-95	DWN:	CHK'D:	APPD:
SCALE: N/A			

T-3mm, 3 LEADED DUAL LEVEL TOWER INDICATOR,
BI-COLOR RED/GREEN

PAGE	1	OF	1	DRAWING NUMBER	REV
				SSF-LXH2109IGIW	A

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