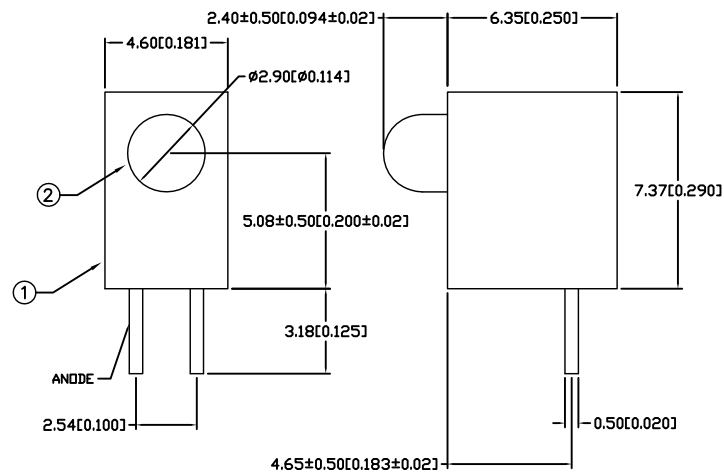


DATE	REVISIONS	REV
12-18-96	E.C.N. #10285./	A
1-21-97	E.C.N. #10295./	B
2-3-97	E.C.N. #10304./	C

DRAWING NUMBER	REV
SSF-LXH103YD-5V	C



- NOTES**
- SSH-LXH103 HOLDER.
 - SSL-LX3044YD-5V LED.

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585 (YELLOW)		nm	
FORWARD VOLTAGE		5.0	7.0	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY		15		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		80		$2x$ theta	
EMITTED COLOR	YELLOW				
EPOXY LENS FINISH	YELLOW DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	12	mA
POWER DISSIPATION	310	mW
DERATE FROM 25°C	N/A	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.



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

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DATE: 6-24-96	DWN:	CHK'D:	APPD:
SCALE: N/A			

T-3 (T-1) RIGHT ANGLE FAULT INDICATOR,
 YELLOW DIFFUSED, 5V OPERATION

PAGE	OF	DRAWING NUMBER	REV
1	1	SSF-LXH103YD-5V	C

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