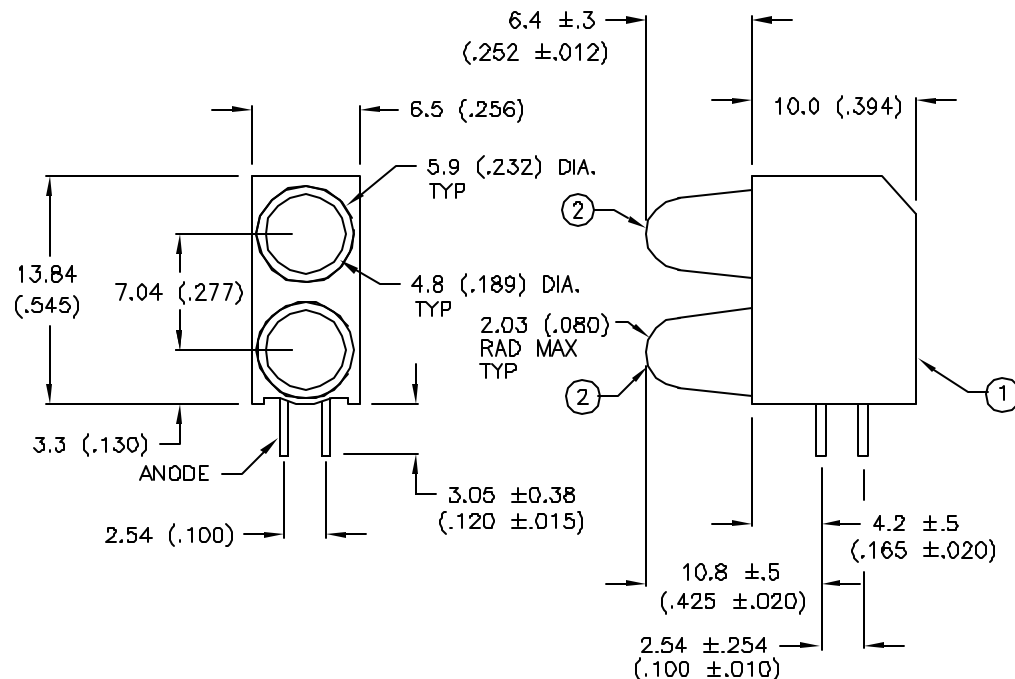


DATE	REVISIONS	REV	DRAWING NUMBER	REV
2-14-95	ADDED NOTE #3, UPDATED SPECS./	A	SSF-LXH251LYD	A



BILL OF MATERIALS:

- SSH-LXH251 HOLDER.
- SSL-LX50493LYD LED (2 PIECES).
- PARTS TO BE SUPPLIED IN PLASTIC TUBES: LXP-TUBE-04, LXP-PLUG-04

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.

ELECTRO-OPTICAL CHARACTERISTICS TA=25 °C If=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	(1) 585 (YELLOW)			nm	
	(2) 585 (YELLOW)			nm	
FORWARD VOLTAGE		2.0	2.8	V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100uA
AXIAL INTENSITY		18		mcd	I _f =20mA
	1.0			mcd	I _f =2mA
VIEWING ANGLE		80		2x theta	
EMITTED COLOR:	(1) YELLOW	(2) YELLOW			
EPOXY LENS FINISH:	YELLOW DIFFUSED				

LIMITS OF SAFE OPERATION AT 25 DEG. C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT *	150	mA
STEADY CURRENT	30	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<10uS



292 E. HELLEN ROAD
PALATINE, ILLINOIS 60067
(708) 359-2790

DATE: 5-21-93

APPROVED BY:

DRAWN BY:

SCALE: DO NOT SCALE DWG

T5 (T-1 3/4) LED RIGHT ANGLE FAULT INDICATOR,
YELLOW/YELLOW DIFFUSED, SPECIAL LOW CURRENT SELECTION

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DRAWING NUMBER
SSF-LXH251LYD

REV
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