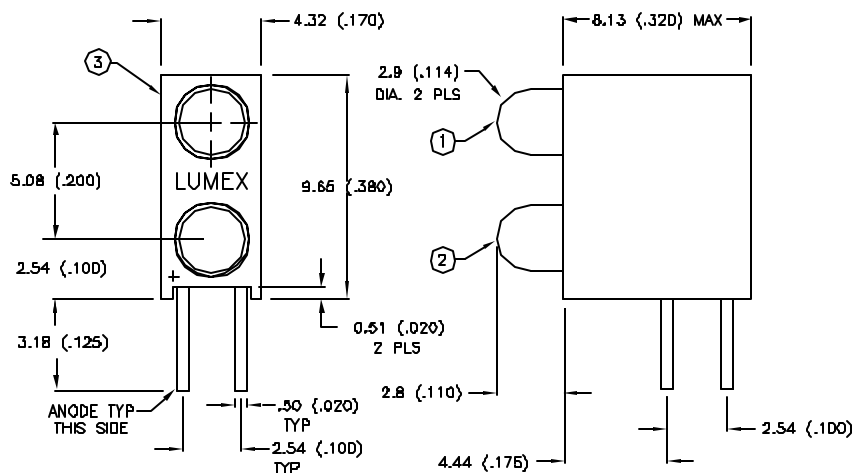


DATE	REVISIONS	REV
2-7-96	E.C.N. #10104./	A

DRAWING NUMBER	REV
SSF-LXH240LIYD	A



BILL OF MATERIALS:

1. SSL-LX3044LID LED.
2. SSL-LX3044LYD LED.
3. SSH-LXH240 HOLDER. MATERIAL: BLACK NYLON 94V-0.

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		635 (RED)		nm	
		585 (YELLOW)		nm	
FORWARD VOLTAGE (R/Y)		2.1	2.8	V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100uA
AXIAL INTENSITY (R/Y)		15		mcad	I _f =20mA
	1.0			mcad	I _f =2mA
VIEWING ANGLE		80		2x theta	
EMITTED COLOR:	POS. 1 - RED			POS. 2 - YELLOW	
EPOXY LENS FINISH:	POS. 1 - RED DIFFUSED			POS. 2 - YELLOW DIFFUSED	

LIMITS OF SAFE OPERATION AT 25 DEG. C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT (R/Y)*	150	mA
STEADY CURRENT (R/Y)	30	mA
POWER DISSIPATION (R/Y)	105	mW
DERATE FROM 25 °C	-1.6	mW/ °C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
LEAD SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

* t<10μs



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DATE: 10-3-95	DWN:	CHK'D:	APPD:
SCALE: N/A			
T-3mm LED, RIGHT ANGLE FAULT INDICATOR, RED/YELLOW DIFFUSED, SPECIAL LOW CURRENT SELECTION			
PAGE 1 OF 1	DRAWING NUMBER SSF-LXH240LIYD		REV A