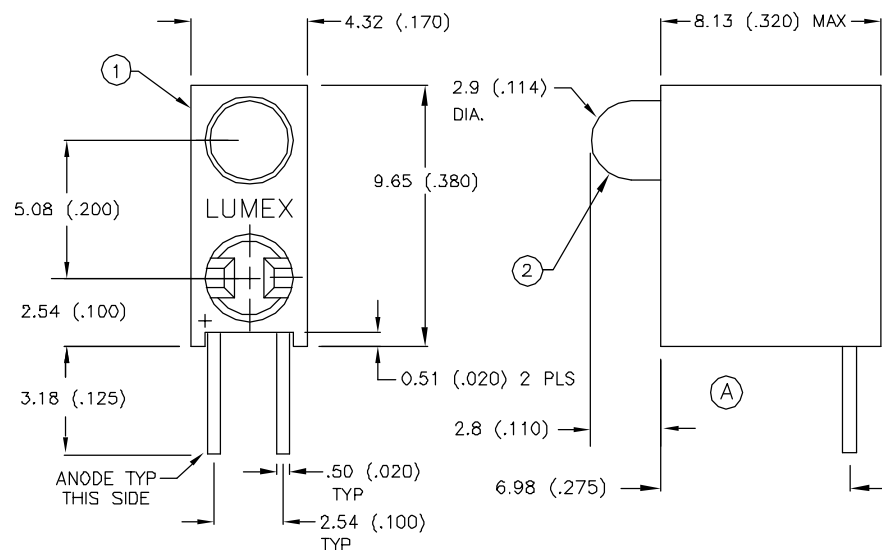


DATE	REVISIONS	REV
8-16-94	CHG'D. HOLDER BOTTOM, & SAFE OP. SPECS./	A
11-29-94	UPDATED SPECS./	B
2-6-95	CHG'D. HOLDER BOTTOM./	C
10-5-95	REF. ECN 10100	D
2-6-96	REF. ECN 10104./	E



BILL OF MATERIALS:

- SSH-LXH240 HOLDER. MATERIAL: BLACK NYLON 94V-0.
- SSL-LX3044GD LED, (1 PC.)

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.

DRAWING NUMBER	REV
SSF-LXH240GXD	E

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565 (GREEN)		nm	
FORWARD VOLTAGE		2.1	2.8	V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100uA
AXIAL INTENSITY		15		mcd	I _f =20mA
VIEWING ANGLE		80		2x theta	
EMITTED COLOR:		GREEN			
EPOXY LENS FINISH:		GREEN DIFFUSED			

LIMITS OF SAFE OPERATION AT 25 DEG. C

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

* t<10μs



292 E. HELLEN ROAD
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DATE: 2-6-96	DWN:	CHK'D:	APPD:
SCALE: N/A			

T-3mm LED, RIGHT ANGLE FAULT INDICATOR,
GREEN DIFFUSED

PAGE 1 OF 1	DRAWING NUMBER SSF-LXH240GXD	REV E
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