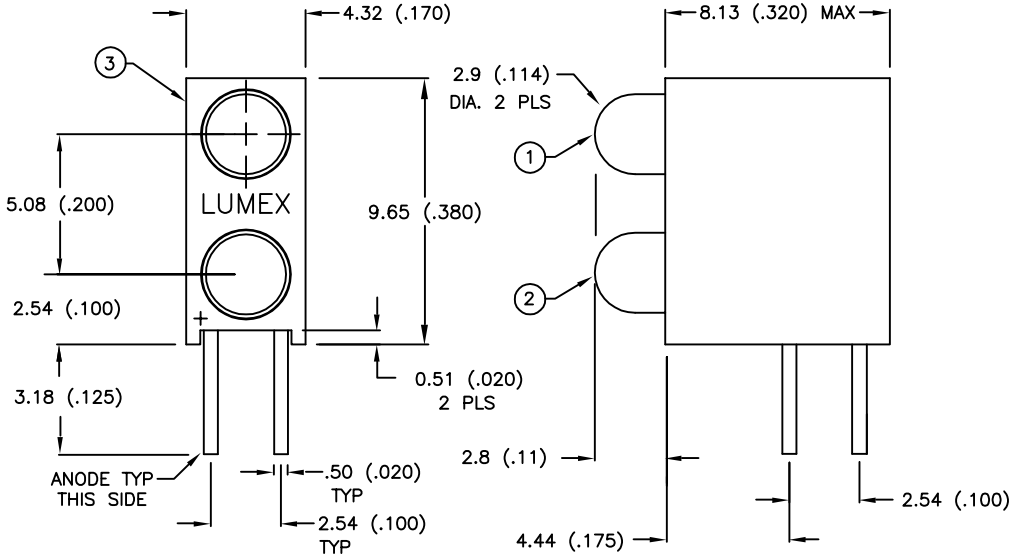
DATE	REVISIONS	REV
2-7-96	E.C.N. #10104./	A

DRAWING NUMBER SSF-LXH240LGID REV A



ELECTRO-OPTICAL CHARACTERISTICS T_A =25°C I_f =20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565 (GREEN) 635 (RED)		nm nm	
FORWARD VOLTAGE (G/R)		2.0	2.8	V_f	
REVERSE VOLTAGE	5.0			V_r	I_r=100uA
AXIAL INTENSITY (G/R)		15		mcd	I_f=20mA
	1.0			mcd	I_f= 2 mA
VIEWING ANGLE		80		2x theta	
EMITTED COLOR	POS.1 GREEN - POS.2 RED				
EPOXY LENS FINISH	POS.1 GREEN DIFFUSED - POS.2 RED DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*(G/R)	150	mA
STEADY CURRENT (G/R)	25/30	mA
POWER DISSIPATION (G/R)	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<10uS

BILL OF MATERIALS:

1. SSL-LX3044LGD LED.
2. SSL-LX3044LID 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.

JO/CK

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DATE: 10-2-95	DWN:	CHK'D:	APPD:
SCALE: N/A			

T-3mm LED, RIGHT ANGLE FAULT INDICATOR, GREEN/RED DIFFUSED, LOW CURRENT

DRAWING NUMBER SSF-LXH240LGID REV A