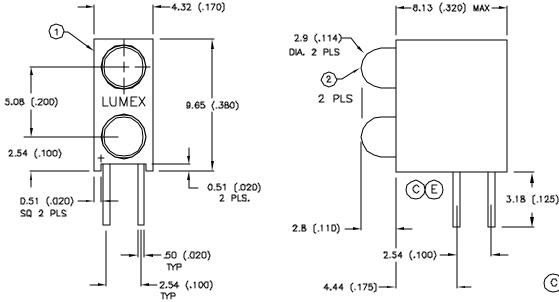
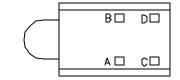
DATE	REVISIONS	REV
8-30-93	CHG'D LEAD LENGTH/	Α
7-14-94	CHG'D SOLDER SPECS/	В
8-16-94	CHG'D HOLDER BOTTOM & SAFE OP. SPECS.	С
11-29-94	UPDATED SPECS./	D
2-9 -9 5	CHG'D. HOLDER BOTTOM./	E
10-9-95	REF ECN 10100./	F
2-6-96	REF ECN 10104./	G



PIN-OUT

- BICOLOR LED YELLOW ANODE BICOLOR LED - GREEN ANODE
- C. BICOLOR LED YELLOW ANODE D. BICOLOR LED GREEN ANODE



BILL OF MATERIALS:

- 1. SSH-LXH240 HOLDER. MATERIAL; BLACK NYLON 94V-0.
- 2. SSL-LX3044YGW LED (2 PIECES).

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 SSF-LXH240YGYGW REV

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585	(YELLOW)	nm	
		565	(GREEN)	nm	
FORWARD VOLTAGE	(Y/G)	2.1	2.8	٧ _f	
REVERSE VOLTAGE	N/A			٧ _r	Ir=100uA
AXIAL INTENSITY (Y,	/G)	8.0		mcd	I _f =20mA
VIEWING ANGLE		80		2x theta	•
EMITTED COLOR:	YELL	_OW/GR	EEN		
EPOXY LENS FINISH:	MILK	Y WHIT	E DIFFUSED		

LIMITS OF SAFE OPERATION AT 25 DEG. C

	PARAMETER	MAX	UNITS	
5)	PEAK FORWARD CURRENT (Y/G)*	150/150	mA	
	STEADY CURRENT (Y/G)	30/25	mΑ	
	POWER DISSIPATION (Y/G)	105/105	mW	
	DERATE FROM 25 °C	-1.2	mW/ ↑ C	
3	OPERATING, STORAGE TEMP.	-40 TO +85	°C	
_	LEAD SOLDERING TEMP.	+260	∘ C	
3)	2.0mm FROM BODY		3 SEC. MAX	

* t<10µs



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

CONFIDENTIAL INFORMATION

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APPD: CHK'D: DWN: DATE: 1-19-93 SCALE: N/A

> T-3mm LED, RIGH TANGLE FAULT INDICATOR, BICOLOR UPPER & LOWER, MILKY WHITE EPOXY

DRAWING NUMBER REV PAGE 1 OF 1 SSF-LXH240YGYGW G

Mouser Electronics

Authorized Distributor

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