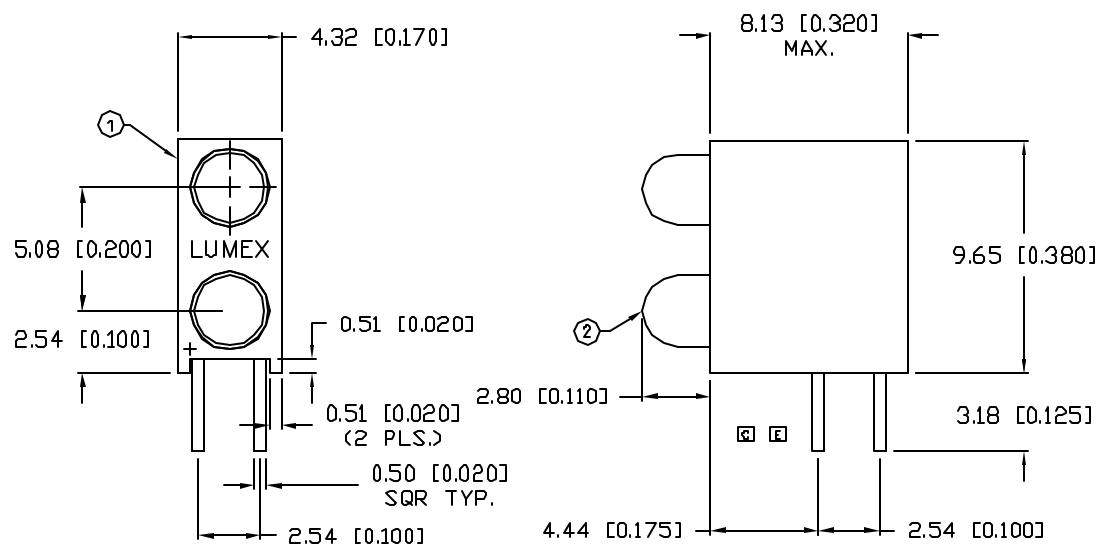
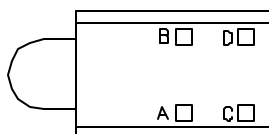


UNCONTROLLED DOCUMENT



PIN-OUT

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



NOTES:

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

PART NUMBER
SSH-LXH240YGYGWREV.
H

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	CHG'D LEAD LENGTH/	08.30.93
B	CHG'D SOLDER SPECS/	07.14.94
C	CHG'D HOLDER BOTTOM & SAFE OP. SPECS.	08.16.94
D	UPDATED SPECS./	11.29.94
E	CHG'D. HOLDER BOTTOM./	02.09.95
F	E.C.N. #10100.	10.09.95
G	E.C.N. #10104.	02.06.96
H	E.C.N. #11148.	03.19.08

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585 (YELLOW)		nm	
		565 (GREEN)		nm	
FORWARD VOLTAGE (Y/G)		2.1/2.2	2.5/2.6	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY (Y/G)		30		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:		YELLOW/GREEN			
EPOXY LENS FINISH:		MILKY WHITE DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*	(Y/G)	150/150	mA
STEADY CURRENT	(Y/G)	30/25	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C	(Y/G)	-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.		-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.		+260	$^\circ\text{C}$
2.0mm FROM BODY			3 SEC. MAX

* $t < 10\mu\text{s}$

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION -0.00 MAX= +0.00 -DECIMAL PRECISION

REV.

H

PART NUMBER

SSH-LXH240YGYGW

T-3mm LED, RIGHT ANGLE FAULT INDICATOR,
 BICOLOR UPPER & LOWER, MILKY WHITE EPOXY.

CONFIDENTIAL INFORMATION

THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.

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.



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DATE: 01.19.93

PAGE: 1 OF 1

SCALE: N/A