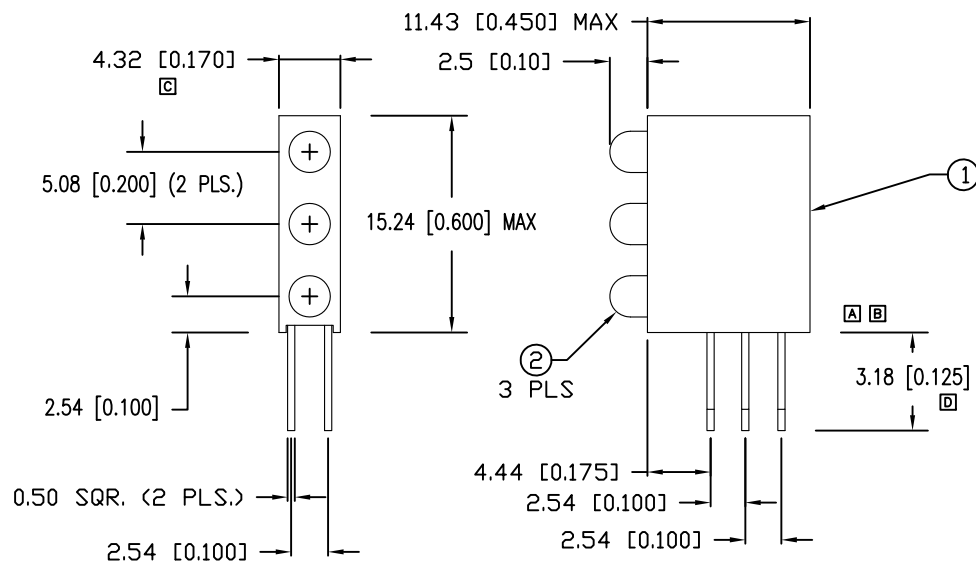
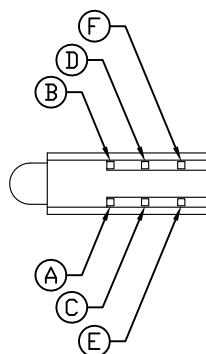




PIN-OUT:

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



PART NUMBER
 SSF-LXH340YGYGYGW

REV.

D

DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.
8.12.94	CHG'D STANDOFF OPER'S AND SOLDER SPECS	A
3.6.95	CHG'D STANDOFF, UPDATED SPECS/	B
9.23.96	ECN #10244/	C
11.12.96	ECN #10270/	D

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	2.8	V _f	
AXIAL INTENSITY (TYP)		5.0		mcd	$I_f=20\text{mA}$
VIEWING ANGLE (TYP)		80		2x theta	
EMITTER COLOR:	YELLOW/GREEN				
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED				

B

LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*	(Y/G)	150	mA
STEADY CURRENT	(Y/G)	30/25	mA
POWER DISSIPATION	(Y/G)	105	mW
DERATE FROM 25°C		-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

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

BILL OF MATERIALS:

- SSH-LXH340 HOLDER, MATERIAL:BLACK NYLON 94V-0.
- SSL-LX3044YGW LED (3 PIECES).



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

REV.

D

PART NUMBER

SSF-LXH340YGYGYGW

BICOLOR - YELLOW/GREEN
 T-3MM LED, RIGHT ANGLE FAULT INDICATOR,

CONFIDENTIAL INFORMATION

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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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CHECKED BY:

APPROVED BY:

DATE: 2.2.94

PAGE: 1 OF 1

SCALE: N/A