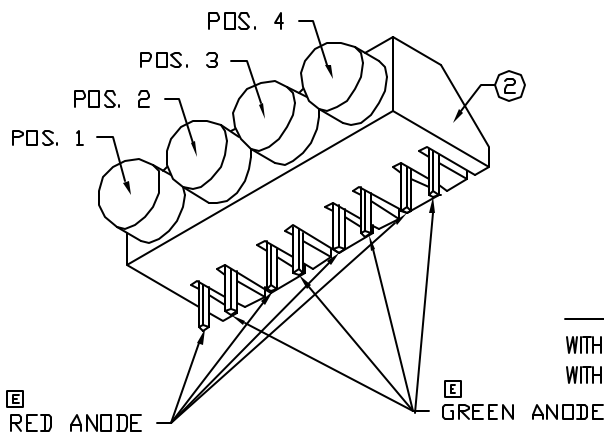
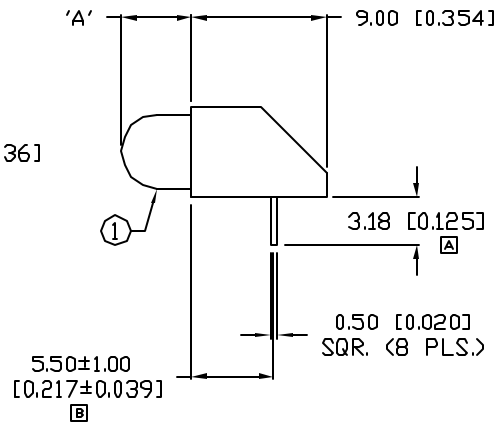
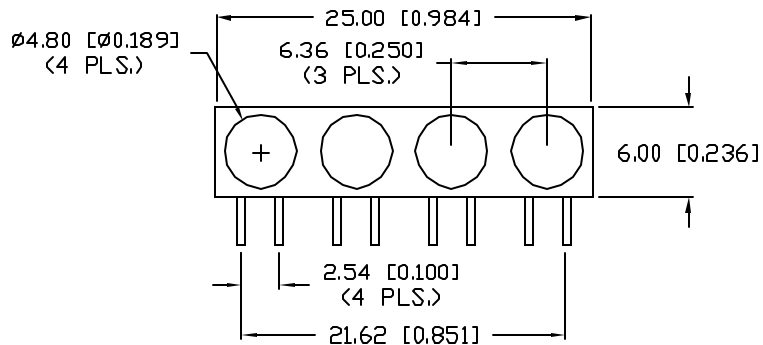


UNCONTROLLED DOCUMENT



[A] DIM 'A'

WITH NO SUFFIX: 2.50±0.50 [0.126±0.020]

WITH -1 SUFFIX: 4.70±0.50 [0.187±0.020]

PART NUMBER		REV.
SSF-LXH400HGW(-1)		E
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	CHG'D LEAD LENGTH./CHGD DIM A.	11.3.93
B	E.C.N. #10303.	2.3.97
C	E.C.N. #10314.	2.27.97
D	E.C.N. #10BRDR. & REDRAWN.	5.15.01
E	E.C.N. #11471.	1.24.08

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		700 (RED)		nm	
		565 (GREEN)		nm	
FORWARD VOLTAGE		2.1	2.5	V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100μA
AXIAL INTENSITY		4.0		mcd	I _f =20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED/GREEN				
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT		25	mA
POWER DISSIPATION	(R/G)	120/105	mW
DERATE FROM 25°C		-1.2	mW/°C
OPERATING, STORAGE TEMP.		-40 TO +85	°C
SOLDERING TEMP.		+260	°C
2.0mm FROM BODY			3 SEC. MAX

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

NOTES:

1. NO SUFFIX: SSL-LX507F3HGW. (4 PCS.)
(-1) SUFFIX: SSL-LX509F3HGW. (4 PCS.)
2. SSH-LXH400 HOLDER, BLACK.
3. PACKAGE PARTS IN ANTISTATIC TUBES.

UNCONTROLLED DOCUMENT

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

REV.

E

PART NUMBER

SSF-LXH400HGW(-1)

T-5mm (T-1 3/4) 4 POSITION FAULT INDICATOR.
700nm RED/565nm GREEN BICOLOR LED,
MILKY WHITE DIFFUSED LENS.

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: 7.6.93

PAGE: 1 OF 1

SCALE: N/A