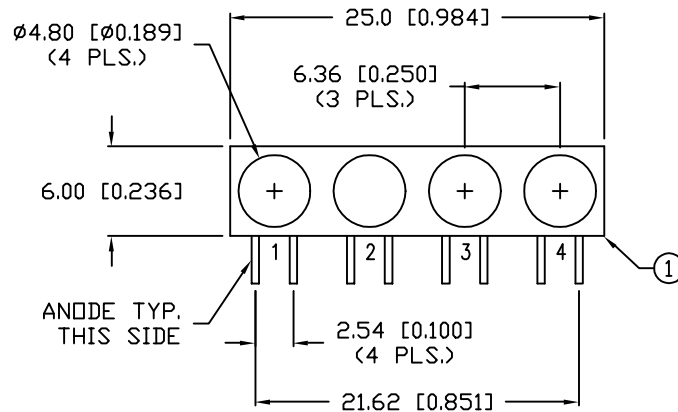
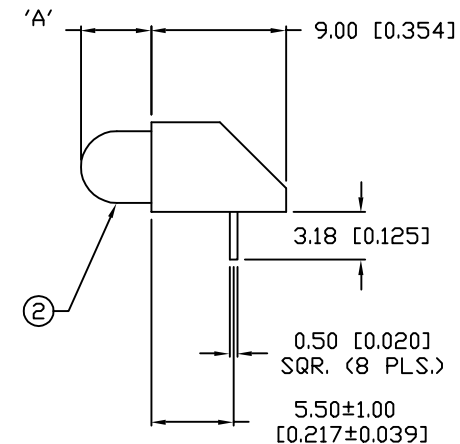




DIM 'A'

WITH NO SUFFIX: 2.50 ± 0.50 [0.126 $\pm$ 0.020]
 WITH -1 SUFFIX: 4.70 ± 0.50 [0.187 $\pm$ 0.020]

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

PARAMETER	RED	GREEN	YELLOW	UNITS	TEST COND
PEAK WAVELENGTH	635	565	585	nm	
FORWARD VOLTAGE (TYP.)	2.0	2.2	2.1	V_f	
FORWARD VOLTAGE (MAX.)	2.5	2.6	2.5	V_f	
REVERSE VOLTAGE	5.0	5.0	5.0	V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY	20	20	20	mcd	$I_f=20\text{mA}$
VIEWING ANGLE	60	60	60	2x theta	
LED POSITION:	1	2	3,4		
EPOXY LENS FINISH:	DIFFUSED SAME AS EMITTED COLOR				

NOTES:

- SSH-LXH400 HOLDER (BLACK).
- NO SUFFIX: SSL-LX507F3ID (1 PC.); SSL-LX507F3GD (1 PC.);
SSL-LX507F3YD (2 PCS.);
-1 SUFFIX: SSL-509F3ID (1 PC.); SSL-LX509F3GD (1 PC.); SSL-509F3YD (2 PCS.).
- PACKAGE PARTS IN ANTISTATIC TUBES.

LIMITS OF SAFE OPERATION AT 25°C PER LED

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT		30	mA
POWER DISSIPATION		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

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

*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.= +DECIMAL PRECISION MAX.= +0.00 -DECIMAL PRECISION

REV.

PART NUMBER

SSF-LXH400IGYYD(-1)

T-5mm (T-1 3/4) LED, 4 POSITION,
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.

LUMEX
INCORPORATED

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DRAWN BY: CHECKED BY: APPROVED BY: DATE: 6-7-00

SK

PAGE: 1 OF 1

SCALE: N/A