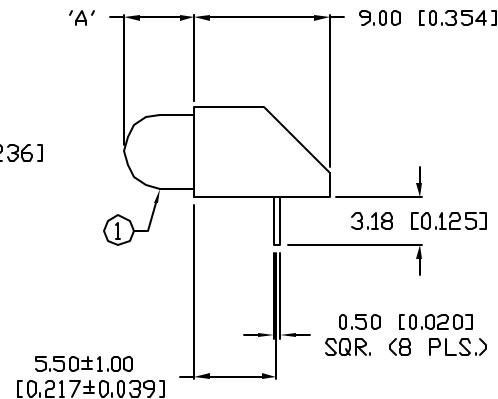
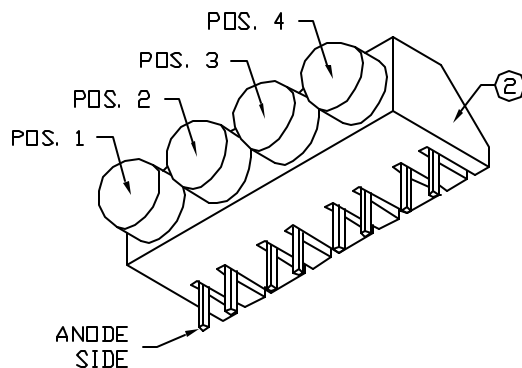
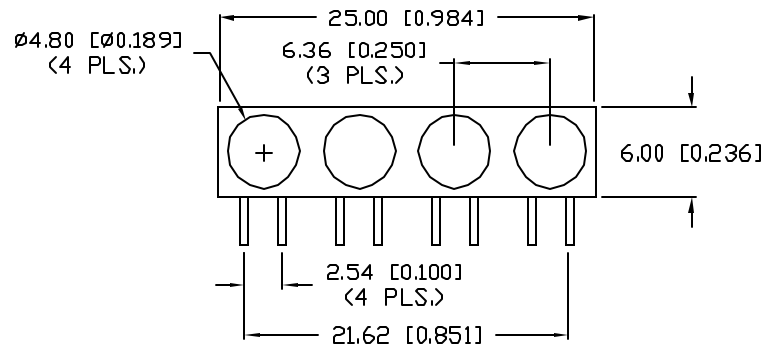


ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=20\text{mA}$

PARAMETER	GREEN	YELLOW	RED	UNITS	TEST COND
PEAK WAVELENGTH	565	585	635	nm	
FORWARD VOLTAGE (TYP.)	2.2	2.1	2.0	V_f	
FORWARD VOLTAGE (MAX.)	2.6	2.5	2.5	V_f	
REVERSE VOLTAGE	5.0	5.0	5.0	V_r	$I_r=100\mu\text{A}$
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					

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

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

NOTES:

- NO SUFFIX: SSL-LX507F3ID. (1 PC.); SSL-LX507F3GD. (2 PC.); SSL-LX507F3YD. (1 PCS.)
(-1) SUFFIX: SSL-LX509F3ID. (1 PC.); SSL-LX509F3GD. (2 PC.); SSL-LX509F3YD. (1 PCS.)
- SSH-LXH400 HOLDER, BLACK.
- PACKAGE PARTS IN ANTISTATIC TUBES.

DIM 'A'

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

*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. = $\frac{+0.00}{-0.00}$ DECIMAL PRECISION MAX. = $\frac{+0.00}{-0.00}$ DECIMAL PRECISION

REV.

PART NUMBER

SSF-LXH400GGYID(-1)

T-5mm (T-1 3/4) 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.



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PAGE: 1 OF 1

SCALE: N/A