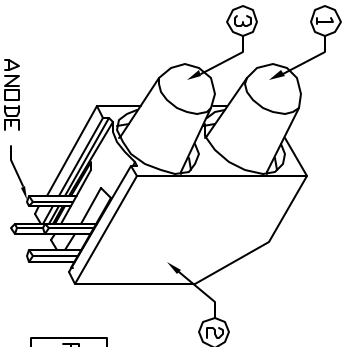
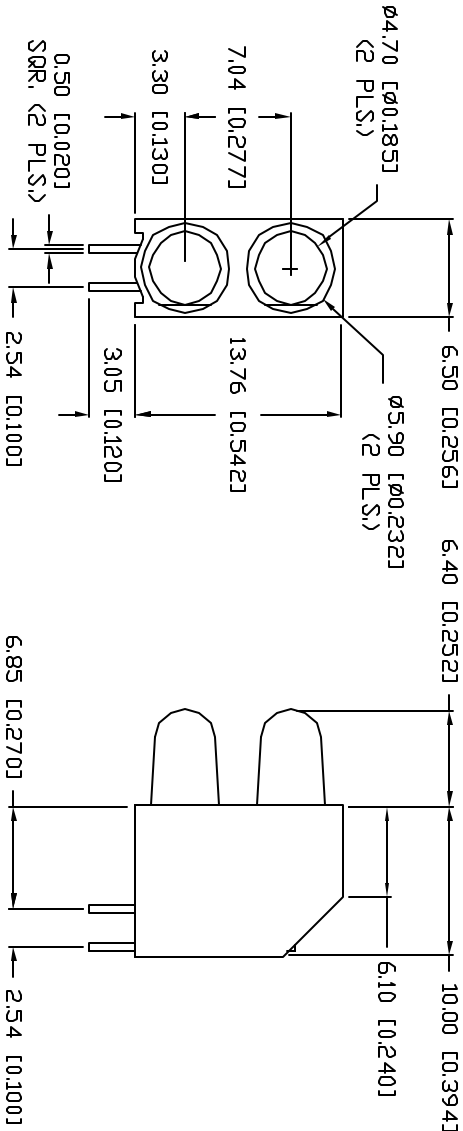




CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.

ELECTRO-OPTICAL CHARACTERISTICS $I_A=25^\circ\text{C}$ $I_f=20\text{mA}$					
PARAMETER	RED	GREEN	UNITS	TEST COND	
PEAK WAVELENGTH	660	565	nm		
FORWARD VOLTAGE (TYP.)	1.7	2.1	V _f		
FORWARD VOLTAGE (MAX.)	2.2	2.5	V _f		
REVERSE VOLTAGE	5.0	5.0	V _r		
AXIAL INTENSITY	100	60	mcd		$I_f=100\mu\text{A}$
VIEWING ANGLE	80	80	2x theta		$I_f=20\text{mA}$
LED POSITION:	1	2			
EPOXY LENS FINISH: DIFFUSED SAME AS EMITTED COLOR					

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*	(R/G)	150	mA
STEADY CURRENT	(R/G)	30/25	mA
POWER DISSIPATION	(R/G)	100/105	mW
DERATE FROM 25°C	(R/G)	-1.2	mW/°C
OPERATING, STORAGE TEMP.		-40 TO +85	°C
SOLDERING TEMP.		+260	°C
2.0mm FROM BODY			
* $t<10\mu\text{s}$			3 SEC. MAX

- NOTES:
1. SSL-LX50493SRD.
 2. SSL-LXH251, HOLDER.
 3. SSL-LX50493GD.

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (+0.030), X.Y=±0.5 (+0.020), X.Y.Z=±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

REV.

PART NUMBER

SSF-LXH251SRGD

T-5mm DUAL TOWER TAPERED FAULT INDICATOR,
660nm SUPER RED/GREEN DIFFUSED.

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