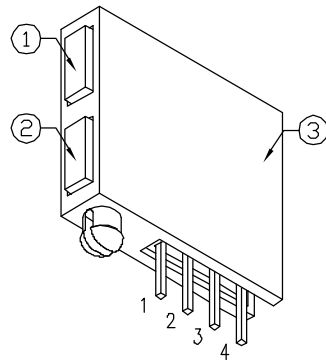
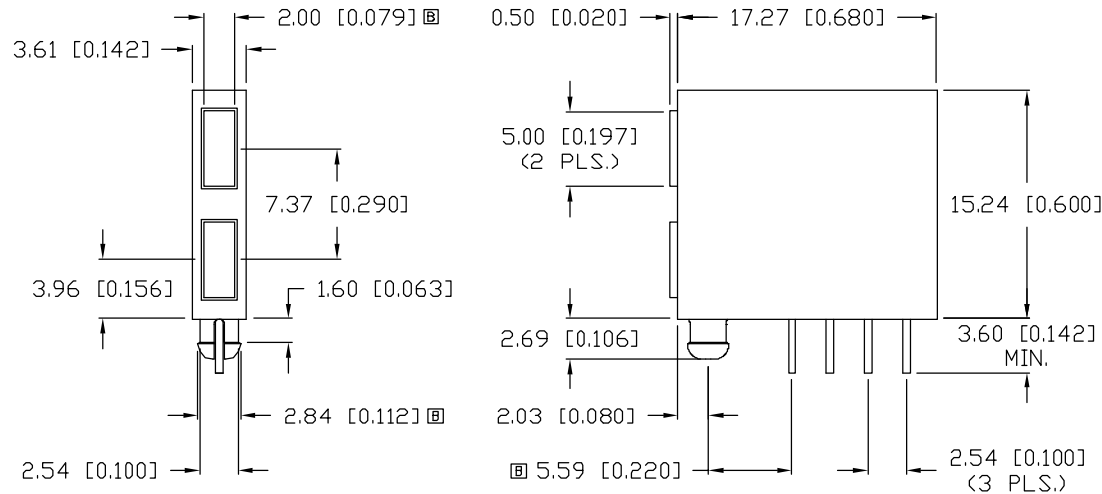


UNCONTROLLED DOCUMENT

PART NUMBER  
SSF-LXH22573IGD

REV.  
C

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10336.	4.22.97
B	E.C.N. #10520.	6.8.99
C	E.C.N. #10BRDR. & REDRAWN.	5.10.01



LEADS:

1. GREEN ANODE.
2. GREEN CATHODE.
3. RED ANODE.
4. RED CATHODE.

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

PARAMETER	RED	GREEN	UNITS	TEST COND
PEAK WAVELENGTH	635	565	nm	
FORWARD VOLTAGE (TYP.)	2.0	2.2	nm	
FORWARD VOLTAGE (MAX.)	2.5	2.6	V <sub>f</sub>	
REVERSE VOLTAGE	5.0	5.0	V <sub>r</sub>	I <sub>r</sub> =100μA
AXIAL INTENSITY	10	10	mcd	I <sub>f</sub> =20mA
VIEWING ANGLE	110	110	2x theta	
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*		150	mA
STEADY CURRENT	(R/G)	30/25	mA
POWER DISSIPATION		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<10μs

NOTES:

1. SSL-LX2573ID, RED LED.
2. SSL-LX2573GD, GREEN LED.
3. SSH-LXH22573 HOLDER, BLACK.

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\*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.  
C

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2mm x 5mm PIGGYBACK RIGHT ANGLE INDICATOR,  
POS.1: 635nm RED LED, RED DIFFUSED LENS,  
POS.2: 565nm GREEN LED, GREEN DIFFUSED LENS.

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.

DRAWN BY: CT	CHECKED BY:	APPROVED BY:	DATE: 9.12.95
			PAGE: 1 OF 1
			SCALE: N/A