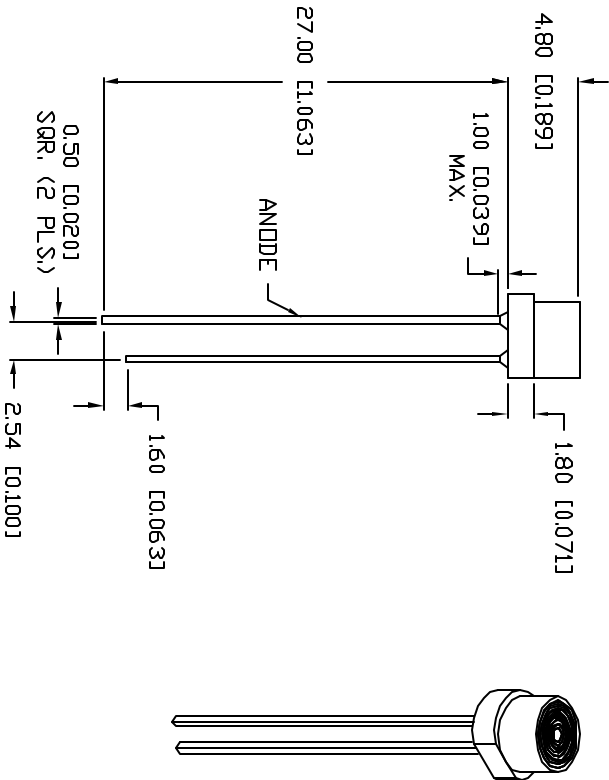
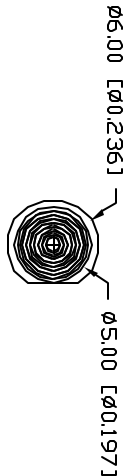


PART NUMBER			REV.
SSL-LX433HD			B
REV. E.C.N. NUMBER AND REVISION COMMENTS			DATE
A	UPDATED SPECS.		1.30.95
B	E.C.N. #10BRDR. & REDRAWN IN 3D.		4.19.01



ELECTRO-OPTICAL CHARACTERISTICS I <sub>A</sub> =25°C I <sub>f</sub> =20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		700		nm	
FORWARD VOLTAGE		2.0	2.5	V <sub>f</sub>	
REVERSE VOLTAGE	5.0			V <sub>r</sub>	I <sub>f</sub> =100µA
AXIAL INTENSITY		4		mcd	I <sub>f</sub> =20mA
VIEWING ANGLE		120		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	120	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		

\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (+0.039), X.X=±0.5 (+0.020), X.X.X=±0.25 (+0.010), X.XXX=±0.127 (+0.005), LEAD SIZE=±0.08 (+0.002), LEAD LENGTH=±0.75 (+0.030), MM=±0.00

REV.

B

PART NUMBER

SSL-LX433HD

T-5mm (T-1 3/4) 700nm RED LED,  
RED DIFFUSED FREZNEL 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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BC			3.9.92
			PAGE: 1 OF 1
			SCALE: N/A