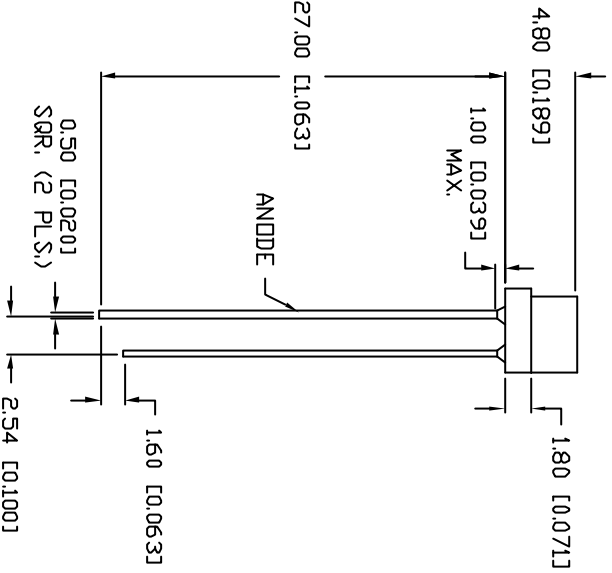
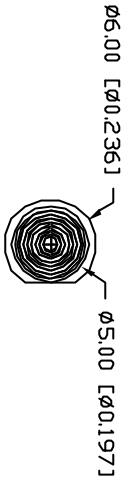


REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	UPDATED SPECS.	1.30.95
B	E.C.N. #10BRDR. & REDRAWN IN 3D.	4.19.01



ELECTRO-OPTICAL CHARACTERISTICS I_A=25FC I_F=20mA

PARAMETER	MIN	TP	MAX	UNITS	TEST COND
PEAK WAVELENGTH			585	nm	
FORWARD VOLTAGE		2.1	2.5	V _F	
REVERSE VOLTAGE	5.0			V _R	I _F =100μA
AXIAL INTENSITY		10		mcad	I _F =20mA
VIEWING ANGLE		120		2x theta	
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	YELLOW DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	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

*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,X,X,X=±0.127 (±0.005), LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030), MIN=±0.050, MAX=±0.050 PER DECIMAL PRECISION

REV. B	PART NUMBER SSL-LX433YD
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T-5mm (T-1 3/4) 585nm YELLOW LED,
YELLOW DIFFUSED FRESNEL LENS.

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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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DRAWN BY: BC	CHECKED BY:	APPROVED BY:	DATE: 3.9.92
			PAGE: 1 OF 1
			SCALE: N/A