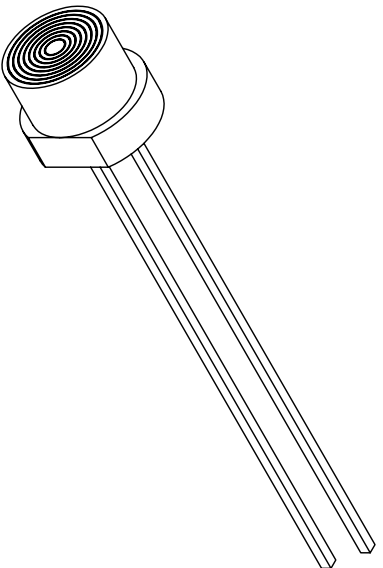




**THE DATASHEET OF
SSL-LX433YD**



PART NUMBER		SSL-LX433YD		REV.	C
DATE	01.30.95	E.C.N. NUMBER AND REVISION COMMENTS		REV.	
	04.19.01	UPDATED SPECS.		A	
	01.24.12	E.C.N. #10BRDR. & REDRAWN.		B	
		E.C.N. #10BRDR. & REDRAWN.		C	



ELECTRO-OPTICAL CHARACTERISTICS $I_f=20\text{mA}$

PARAMETER	MIN	TPP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585		nm	
FORWARD VOLTAGE		2.1	2.5	Vf	$I_f=100\mu\text{A}$
REVERSE VOLTAGE	5.0			Vr	$I_f=20\text{mA}$
AXIAL INTENSITY		10		mcad	
VIEWING ANGLE		120		2θ theta	
EMITTED COLOR:		YELLOW			
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 TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC.

* I<10µS

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±0.001, DECIMAL PRECISION
 HELEN ROAD
 E. I. L. 60067-6976
 +1.847.359.2790
 WWW.LUMEX.COM

T-5mm (T-1 3/4) 585nm YELLOW LED, YELLOW DIFFUSED FREZNELE LENS.
 THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT
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DATE:	01.24.12	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	SS
UNIT:	mm [INCH]		



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