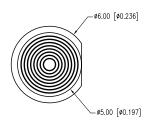
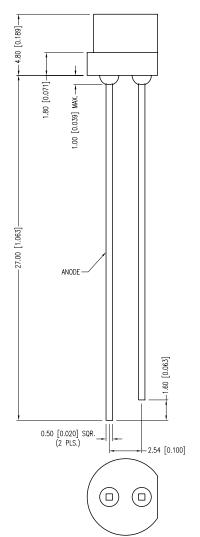
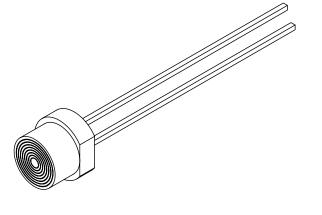
UNCONTROLLED DOCUMENT







I	PART NUMBER	SSL-LX433USBD		А
Γ	DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
	01.24.12	E.C.N. #10BRDR. & REDRAWN.		Α

ELECTRO-OPTICAL	CHARACTERISTICS Ta=2	5°C If=20mA			
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585		nm	
FORWARD VOLTAGE		2.1	2.5	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100µA
AXIAL INTENSITY		10		mcd	If=20mA
VIEWING ANGLE		120		2x theta	
EMITTED COLOR:	YELLOW				
LENS FINISH:	YELLOW DIFFUSED				

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.

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

\*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=  $^{+DECIMAL}_{-0.00}$  PRECISION MAX.=  $^{+0.00}_{-0.00}$  PRECISION MAX.=  $^{+0.00}_{-0.00}$  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=  $^{+DECIMAL}_{-0.00}$  PRECISION MAX.=  $^{+0.00}_{-0.00}$  P INCONTROLLED DOCUMENT



290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 FAX: +1.847.359.6538

T-5mm (T-1 3/4) 470nm ULTRA SUPER BLUE LED, BLUE DIFFUSED FREZNEL LENS.

\*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.\*\*

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ON	DIVC	DIVITOLL	ED DOCOL	VILIVI
	DATE:	01.24.12	DRAWN BY:	AB
	PAGE:	1 OF 1	CHKD BY:	KF
	SCALE:	NTS	APRVD BY:	SS
	UNIT: mm [INCH]		Pb	