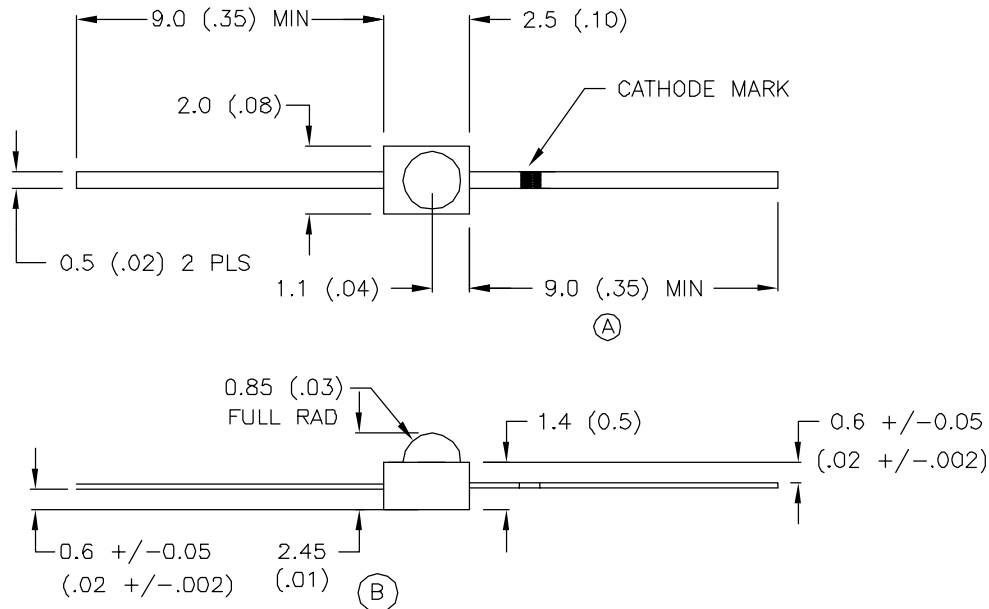


DATE	REVISIONS	REV
9-4-92	REDRAWN/ CHG'D LEAD LENGTH FROM "10.0 MIN" TO "9.0 MIN"/	A
5-23-94	ADDED HEIGHT DIMENSION. / CHG'D. CATHODE MARK.	B

DRAWING NUMBER <b>SSL-LXA223YC</b>	REV B
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ELECTRO-OPTICAL CHARACTERISTICS TA=25 °C If=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585 (YELLOW)		nm	
FORWARD VOLTAGE		2.1	2.8	V <sub>f</sub>	
REVERSE VOLTAGE	5.0			V <sub>r</sub>	I <sub>r</sub> =100uA
AXIAL INTENSITY		8		mcd	I <sub>f</sub> =20mA
VIEWING ANGLE		100		2x theta	
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25 DEG. C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT *	155	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	110	mW
DERATE FROM 25 °C	-1.2	mW/ °C
OPERATING, STORAGE TEMP.	-55 TO +100	°C
LEAD SOLDERING TEMP.	+230	°C
1.6mm FROM BODY		5 SEC. MAX

\* t<10uS

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.

<b>LUMEX</b> OPTO COMPONENTS INC.		292 E. HELLEN ROAD PALATINE, ILLINOIS 60067 (708) 359-2790	
DATE: 9-4-92	APPROVED BY:	DRAWN BY:	
SCALE: N/A			
AXIAL LED, YELLOW, WATER CLEAR			
PAGE 1 OF 1	DRAWING NUMBER <b>SSL-LXA223YC</b>		REV B