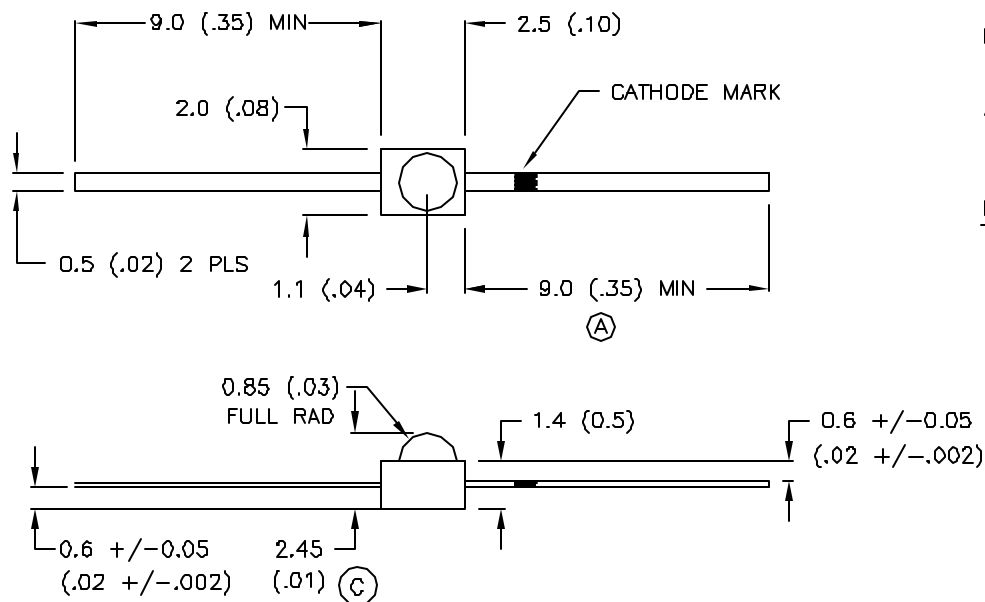


DATE	REVISIONS	REV
9-4-92	REDRAWN/CHG'D LEAD FROM "10.0" TO "9.0 MIN" /	A
8-2-93	CHG'D CATHODE MARK. /	B
5-23-94	ADDED HEIGHT DIMENSION. /	C
10-13-97	E.C.N. #10BRDR. /	D

DRAWING NUMBER  
SSL-LXA223GC

REV  
D

*UNDER REVISION*



ELECTRO-OPTICAL CHARACTERISTICS TA=25 °C If=20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565 (GREEN)		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		12		mcd	I <sub>f</sub> =20mA
VIEWING ANGLE		100		2x theta	
EMITTED COLOR:	GREEN				
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.

**LUMEX**  
INCORPORATED

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PALATINE, ILLINOIS 60067  
(847) 359-2790

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DATE: 9-4-92	DWN:	CHK'D:	APPD:
SCALE: N/A			

AXIA LED, GREEN  
WATER CLEAR LENS

PAGE 1 OF 1	DRAWING NUMBER SSL-LXA223GC	REV D
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