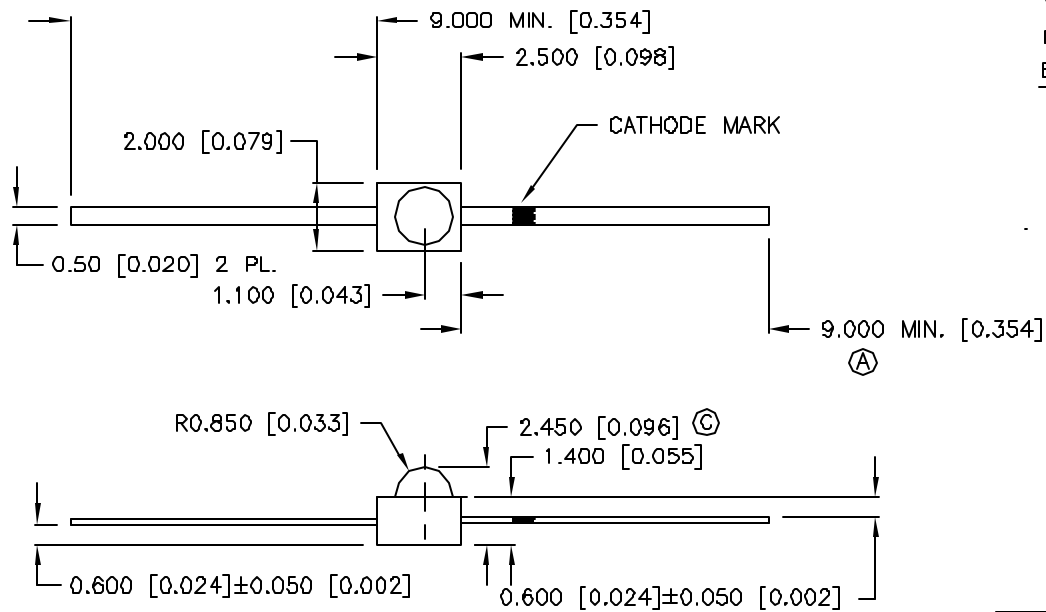


DATE	REVISIONS	REV
9-4-92	REDRAWN/ CHG'D LEAD LENGTH FROM "10.0 MIN" TO "9.0 MIN"/	A
8-2-93	CHG'D CATHODE MARK/	B
5-23-94	ADDED HEIGHT DIMENSION.	C
9-1-95	UPDATED SPECS. WHERE NOTED./	D

DRAWING NUMBER SSL-LXA223ID	REV D
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ELECTRO-OPTICAL CHARACTERISTICS TA=25 °C If=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED)		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		B		mcd	I <sub>f</sub> =20mA
VIEWING ANGLE		120		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFFUSED				

Ⓓ LIMITS OF SAFE OPERATION AT 25 DEG. 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
LEAD SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 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 60087 (708) 359-2790	
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DATE: 9-4-92	DWN:	CHK'D:	APPD:
SCALE: N/A			
AXIAL LED, RED DIFFUSED			
PAGE 1 OF 1	DRAWING NUMBER SSL-LXA223ID		REV D