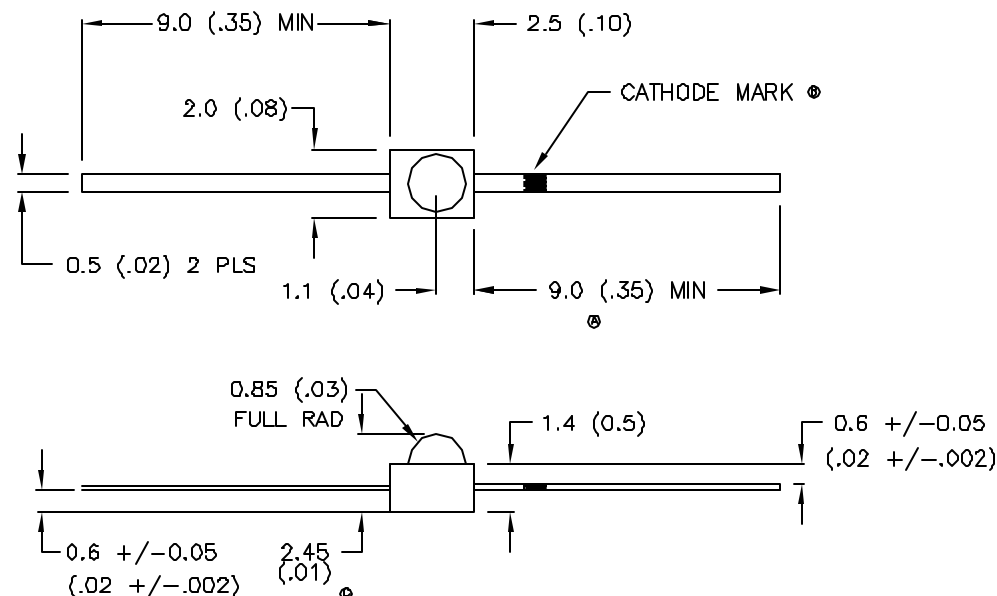


DATE	REVISIONS	REV
9-4-92	REDRAWN/CHG'D LEAD LENGTH FROM "10MIN TO 9.0MIN"	A
8-2-93	CHG'D CATHODE MARK./	B
5-23-94	ADDED HEIGHT DIMENSION./	C
10-13-97	E.C.N. #10BRDR./	D



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.

UNDER REVISION

ELECTRO-OPTICAL CHARACTERISTICS TA=25 °C If=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		700 [RED]		nm	
FORWARD VOLTAGE		2.1	2.8	V _f	
REVERSE VOLTAGE	3.0			V _r	I _r =100uA
AXIAL INTENSITY		4.0		mcd	I _f =20mA
VIEWING ANGLE		120		2x theta	
EMITTED COLOR:	HIGH RED				
EPOXY LENS FINISH:	RED DIFFUSED				

LIMITS OF SAFE OPERATION AT 25 DEG. C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT *	155	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	80	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

LUMEX
INCORPORATED

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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-LXA223HD

REV
D