

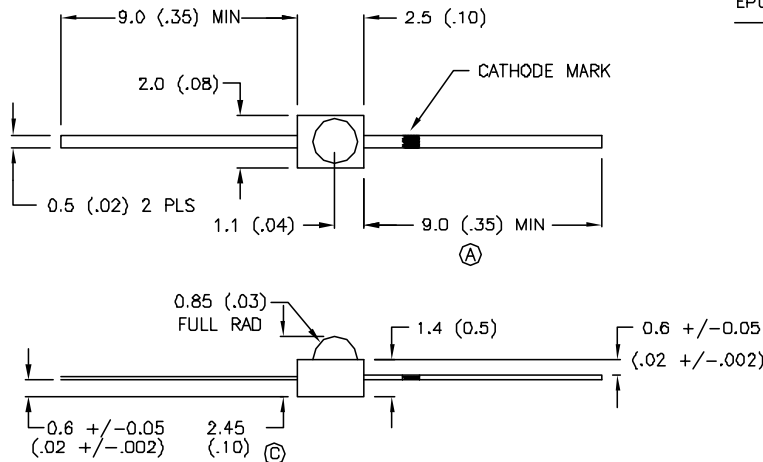
DATE	REVISIONS	REV
9-4-92	REDRAWN/ CHG'D LEAD LENGTH FROM "10.0MIN TO 9.0"	A
8-2-93	CHG'D CATHODE MARK./	B
5-23-94	ADDED HEIGHT DIMENSION./	C
1-31-96	E.C.N. #10113./	D
4-24-96	E.C.N. #10112./	E
10-13-97	E.C.N. #10BRDR./	F

DRAWING NUMBER SSL-LXA223GD	REV F
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UNDER REVISION

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565 (GREEN)		nm	
FORWARD VOLTAGE		2.1	2.8	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		6.0		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		100		$2x$ theta	
EMITTED COLOR	GREEN				
EPOXY LENS FINISH	GREEN DIFFUSED				



LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	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

* $t < 10\mu\text{s}$

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.

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DATE: 9-4-92	DWN:	CHK'D:	APPD:
SCALE: N/A			
T-1.8mm AXIAL LED GREEN DIFFUSED			
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OK/00

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