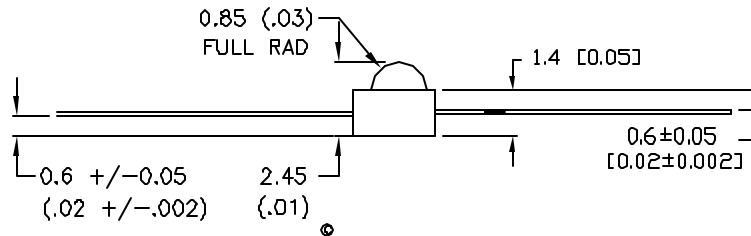
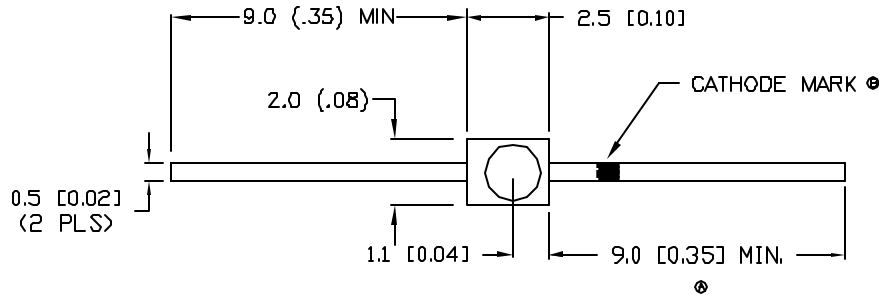


UNCONTROLLED DOCUMENT

UNDER REVISION

PART NUMBER
SSL-LXA223HC

REV.
E



REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	REDW/CHG'D LEAD LENG "10.0MIN TO 9.0"	9.4.92
B	CHG'D MARK./	8.2.93
C	ADDED HEIGHT DIMENTION./	5.23.94
D	E.C.N. #10BRDR./	10.13.97
E	E.C.N. #11148.	03.02.07

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 =100µA
AXIAL INTENSITY		6.0		mcd	I _f =20mA
VIEWING ANGLE		120		2x theta	
EMITTED COLOR :	HIGH RED				
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	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<10µS

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.038), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION -0.00, MAX= +0.00 -DECIMAL PRECISION

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REV. E	PART NUMBER SSL-LXA223HC
AXIAL LED RED WATER CLEAR LENS.	

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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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DRAWN BY: jc	CHECKED BY:	APPROVED BY:	DATE: 9.4.92 PAGE: 1 OF 1 SCALE: N/A