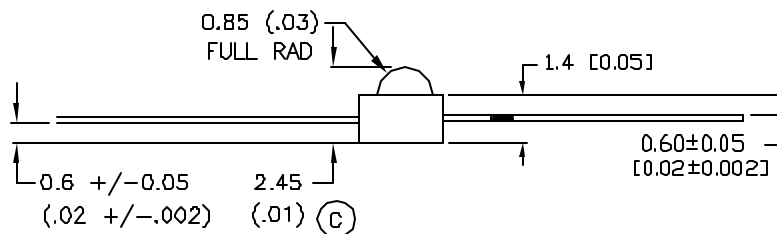
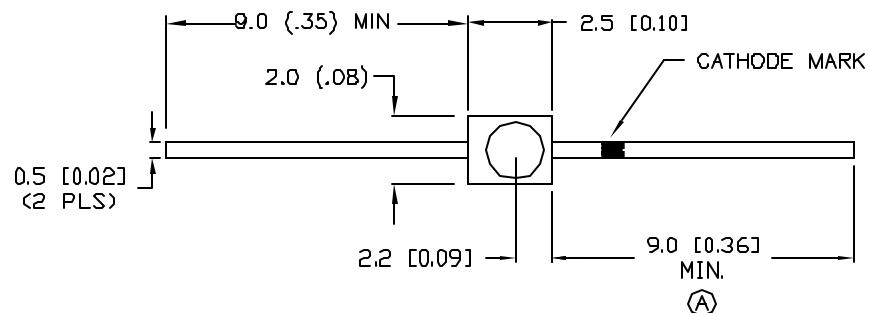


UNCONTROLLED DOCUMENT

UNDER REVISION

PART NUMBER
SSL-LXA223GCREV.
E

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	REDW/CHG'D LEAD "10.0" TO 9.0 MIN"/	9.4.92
B	CHG'D CATHODE 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

I_f=20mA

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 =100uA
AXIAL INTENSITY		12		mcd	I _f =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

E

UNCONTROLLED DOCUMENT

*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 MAX= +0.00 -0.00 -DECIMAL PRECISION

REV.

E

PART NUMBER

SSL-LXA223GC

AXIAL LED, GREEN
WATER CLEAR LENS.

CONFIDENTIAL INFORMATION

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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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PAGE: 1 OF 1

SCALE: N/A