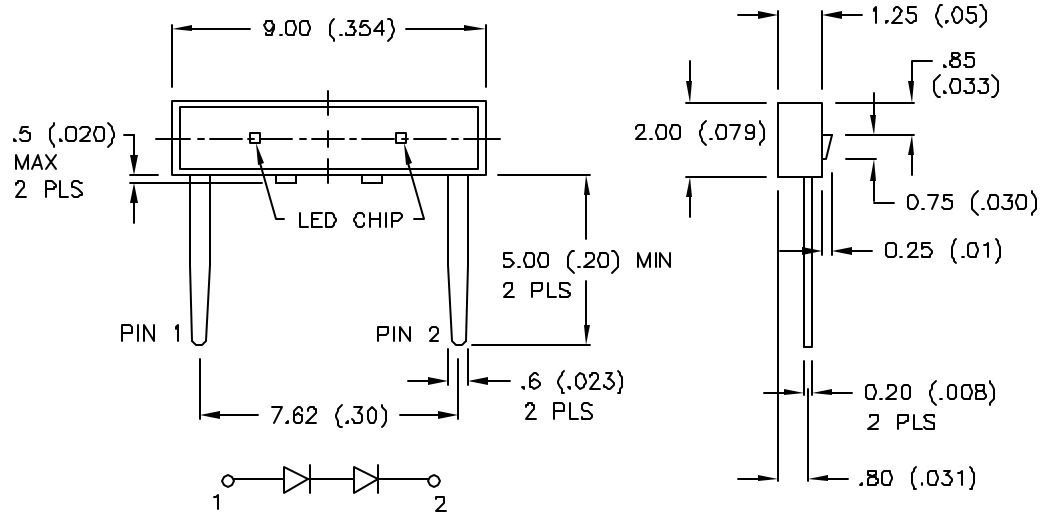


DATE	REVISIONS	REV
2-18-93	REDRAWN, NEW MOLD/	A
7-18-95	UPDATED SPEC. WHERE NOTED./	B

DRAWING NUMBER <b>SSB-LX02IC</b>	REV B
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ELECTRO-OPTICAL CHARACTERISTICS TA=25 DEG. C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED)		nm	
FORWARD VOLTAGE		4.5	5.5	Vf	
REVERSE VOLTAGE	10			Vr	Ir=100uA
AXIAL INTENSITY		16		mcd	If=10mA
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED CLEAR				

LIMITS OF SAFE OPERATION AT 25 DEGREES C

PARAMETER	MAX	UNITS
CONTINUOUS FORWARD CURRENT	30	mA
POWER DISSIPATION	100	mW
DERATE FROM 25 DEG. C	-0.25	mA/DEG. C
OPERATING, STORAGE TEMP.	-35 TO +85	°C
Ⓢ LEAD SOLDERING TEMP.	+260	°C
Ⓢ 2.0mm FROM BODY		3 SEC. MAX

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 SOLDERING PROCESS.

<b>LUMEX</b> OPTO COMPONENTS INC.		292 E. HELLEN ROAD PALATINE, ILLINOIS 60067 (708) 359-2790
DATE: 2-18-93	APPROVED BY:	DRAWN BY:
SCALE: N/A		
2 CHIP LCD ILLUMINATOR, RED CLEAR		
PAGE 1 OF 1	DRAWING NUMBER <b>SSB-LX02IC</b>	REV B