

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

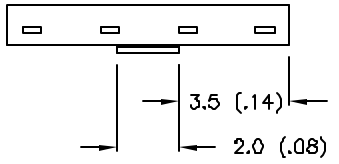
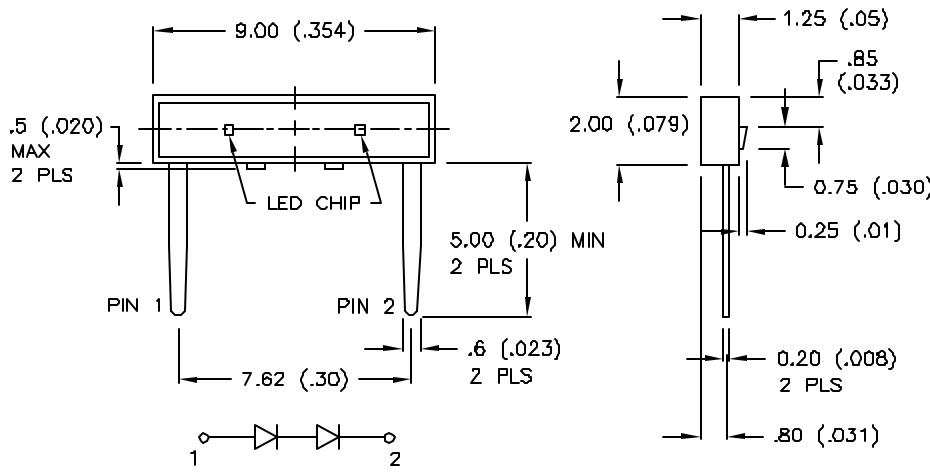
DRAWING NUMBER SSB-LX02YC	REV B
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ELECTRO-OPTICAL CHARACTERISTICS TA=25 DEG. C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585 (YELLOW)		nm	
FORWARD VOLTAGE		4.5	5.5	Vf	
REVERSE VOLTAGE	10			Vr	Ir=100uA
AXIAL INTENSITY		10		mcd	If=10mA
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	YELLOW 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.	+250	°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 TO YOUR SOLDERING PROCESS.

LUMEX OPTO COMPONENTS INC.		292 E. HELLEN ROAD PALATINE, ILLINOIS 60087 (708) 359-2790	
DATE: 2-19-93	APPROVED BY:	DRAWN BY:	
SCALE: N/A			
2 CHIP LCD ILLUMINATOR, YELLOW CLEAR			
PAGE 1 OF 1	DRAWING NUMBER SSB-LX02YC		REV B

Mouser Electronics

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