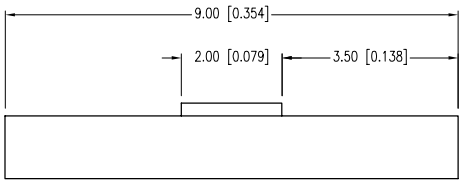
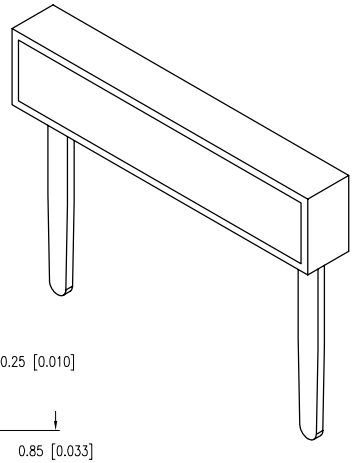
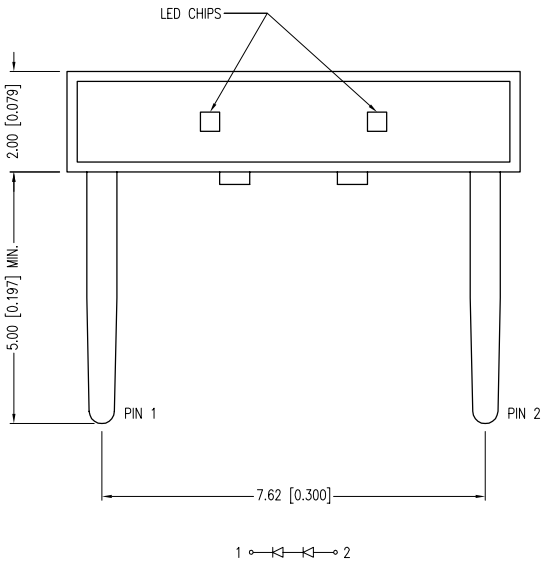
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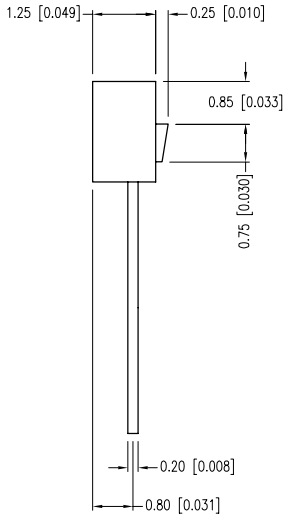
PART NUMBER	SSB-LX02SRC	REV.	D

DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.
02.18.93	REDRAWN, NEW MOLD.	A
07.18.95	UPDATED SPEC. WHERE NOTED.	B
09.29.98	E.C.N. #10BRDR. & REDRAWN.	C
03.05.99	E.C.N. #10501. CORRECTED POLARITY.	D











ELECTRO-OPTICAL CHARACTERISTICS T_A=25°C I_f=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660 (RED)		nm	
FORWARD VOLTAGE		3.6	4.6	V_f	
REVERSE VOLTAGE	2.0			V_r	I_r=100uA
AXIAL INTENSITY		50		mcd	I_f=20mA
VIEWING ANGLE		160		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED TRANSPARENT				

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	−0.25	mW/°C
OPERATING TEMP.	−20 TO +70	°C
STORAGE TEMP.	−40 TO +80	°C
SOLDERING TEMP.	+240	°C
2.0mm FROM BODY		3 SEC. MAX

* t<10uS

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= $^{+\text{DECIMAL PRECISION}}_{-0.00}$ MAX.= $^{+0.00}_{-\text{DECIMAL PRECISION}}$

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2 CHIP LCD ILLUMINATOR, 660nm RED, RED TRANSPARENT LENS.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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SCALE:	NTS	APRVD BY:	YA
UNIT:	mm [INCH]	Pb	

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