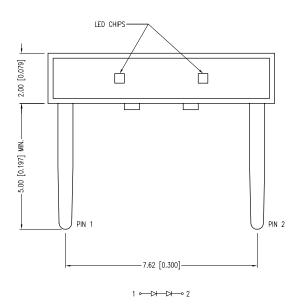
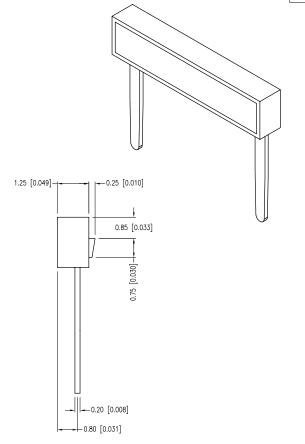
-	—9.00 [0.354]—	-
_	2.00 [0.079]	3.50 [0.138]





PART NUMBER	SSB-LX02IC	REV.	С
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
02.18.93	REDRAWN, NEW MOLD.		Α
07.18.95	UPDATED SPEC. WHERE NOTED.		В
3.30.11	F.C.N. #10BRDR & REDRAWN		С

ELECTRO-OPTICAL	CHARACTERIS	TICS TA = 25°C	$I_f = 20 \text{m/s}$		
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		4.5	5.5	V_{f}	
REVERSE VOLTAGE	10			V_r	I _r =100uA
AXIAL INTENSITY		16		mcd	I _f =20mA
VIEWING ANGLE		160		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINIS	H: RED	TRANSPARENT			

LIMITS OF SAFE OPERATION AT 25°C	PER CHIP	
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	30	mA
STEADY CURRENT		mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	-0.25	m₩/*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 PREC	CISION ARE: $X=\pm 1$ (±0.039), $X.X=\pm 0.5$	(±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= +DECIMAL PRECISION MAX.= +DECIMAL PRECISION	UNC	<i>ONTROLL</i>	ED DOCUN	1ENT
	290 F HELEN ROAD	2 CHIP LCD IIIIIMINATOR 635pm RED RED TRANSPARENT LENS	DATE:	03.30.11	DRAWN BY:	AB



PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 FAX: +1.847.359.6538 WEB: WWW.LUMEX.COM

2 CHIP LCD ILLUMINATOR, 635nm RED, RED TRANSPARENT LENS.
THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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DATE:	03.30.11	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	YA
SCALE:	NTS	APRVD BY:	YA
UNIT:	mm [INCH]	Pb	

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