PART NUMBER		SSB−LX02GC		REV.	C
DATE	E.C.N. NUMBER AND REVISION COMMENTS				REV.
02.18.93	REDRAWN, NEW MOLD.				A
07.18.95	UPDATED SPEC. WHERE NOTED.				B
3.30.11	E.C.N. #10BRDR. & REDRAWN.				C

9.00 [0.354]

2.00 [0.079]   3.50 [0.138]

LED CHIPS

2.00 [0.079]

5.00 [0.197] MIN.

PIN 1   PIN 2

7.62 [0.300]

1 ○─▷|─▷|─○ 2

1.25 [0.049]   0.25 [0.010]

0.85 [0.033]

0.75 [0.030]

0.20 [0.008]

0.80 [0.031]

ELECTRO−OPTICAL CHARACTERISTICS T_A=25°C I_f=20mA
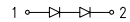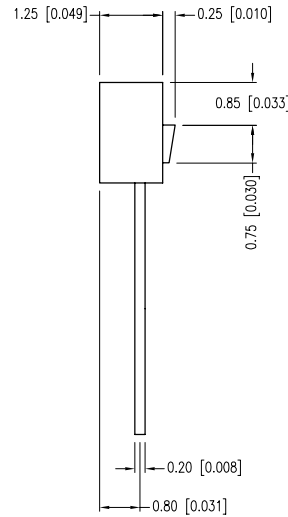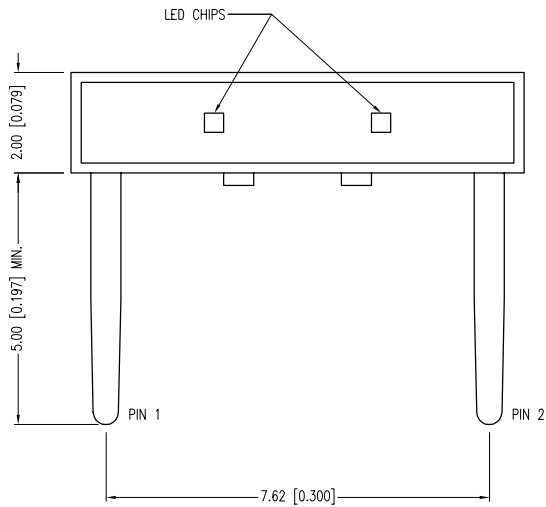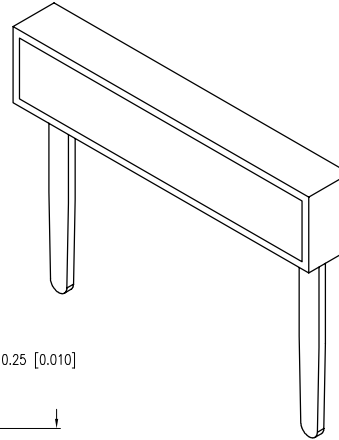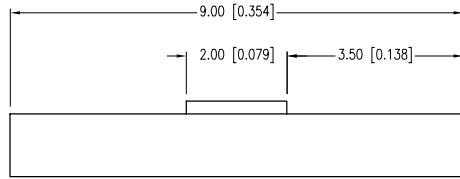
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		4.4	5.2	V_f	
REVERSE VOLTAGE	10			V_r	I_r=100uA
AXIAL INTENSITY		10		mcd	I_f=20mA
VIEWING ANGLE		160		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN TRANSPARENT				

LIMITS OF SAFE OPERATION AT 25°C   PER CHIP

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	−1.2	mW/°C
OPERATING TEMP.	−20 TO +85	°C
STORAGE TEMP.	−40 TO +85	°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= +DECIMAL PRECISION / −0.00   MAX.= +0.00 / −DECIMAL PRECISION

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2 CHIP LCD ILLUMINATOR, 565nm GREEN, GREEN TRANSPARENT LENS.

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

Mouser Electronics

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