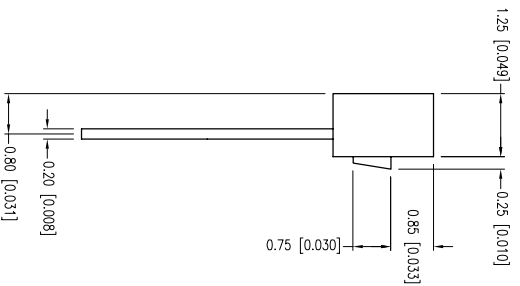
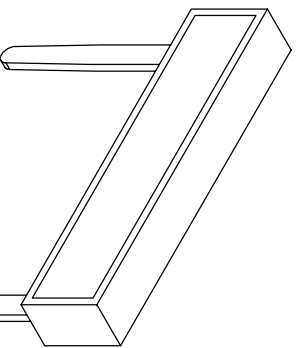




THE DATASHEET OF SSB-LX02GC



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			

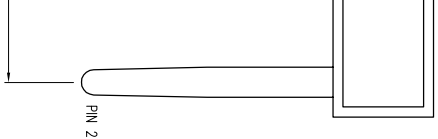
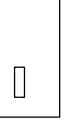


ELECTRO-OPTICAL CHARACTERISTICS $I_A=25^\circ\text{C}$

PARAMETER	MIN	TP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		4.4	5.2	V _f	$I_f=100\mu\text{A}$
REVERSE VOLTAGE	10			V _r	$I_f=20\text{mA}$
AXIAL INTENSITY		10		med	
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
* I<10.0S		



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2 CHIP LCD ILLUMINATOR, 565nm GREEN, GREEN 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]		

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