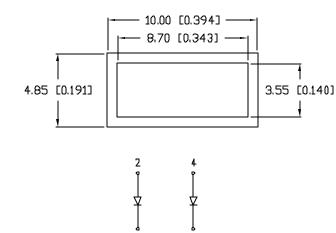
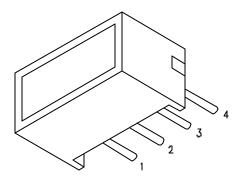
## UNCONTROLLED DOCUMENT

PART NUMBER

SSB-LX2301SRW





6.00 [0.236]			
40.01573		3	1.02 [0.040]
4.0 [0.157] 	_	<u> </u>	2.54 [0.100] (3 PLS.)
	7.62	. [0.300] →	

ELECTRO-OPTICAL CH	ARACTE	RISTICS TA=25°C		I <sub>f</sub> = 20mA	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		1.8	2.2	٧f	
REVERSE VOLTAGE	5.0			٧r	I <sub>r</sub> =100μΑ
AXIAL INTENSITY		20		mcd	$I_f = 20mA$
VIEWING ANGLE		160		2x theta	
EMITTED COLOR;	RED				
EPOXY LENS FINISH:	MILKY	WHITE DIFFUSED	)		

## LIMITS OF SAFE OPERATION AT 25'C PER CHIP

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mΑ
STEADY CURRENT	<i>3</i> 0	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	- 40 TO +85	•C
SOLDERING TEMP.	+ 260	<b>.</b> C
2.0mm FROM BODY		3 SEC. MAX
* 1.410.0		

\* t<10µS

\*UNLESS OTHERWISE SPECFED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0,039), XX=±0.5 (±0,020), XXX=±0.25 (±0,010), XXXX=±0.127 (±0,005). LEAD SIZE=±0.05 (±0,002), LEAD LENGTH=±0.75 (±0,030). MN=+DECIMAL PRECISION MAX.=+0.000

REV.

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8.70mm x 3.55mm LIGHT BAR, 660nm SUPER RED. MILKY WHITE DIFFUSED.

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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.



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DRAWN BY:

JD

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SCALE: N/A

REV.

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