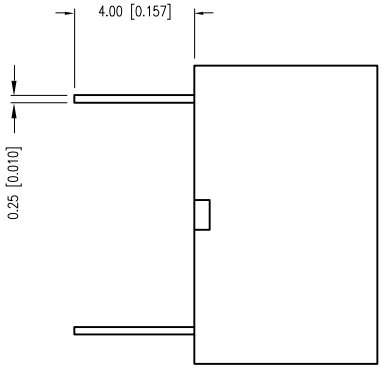
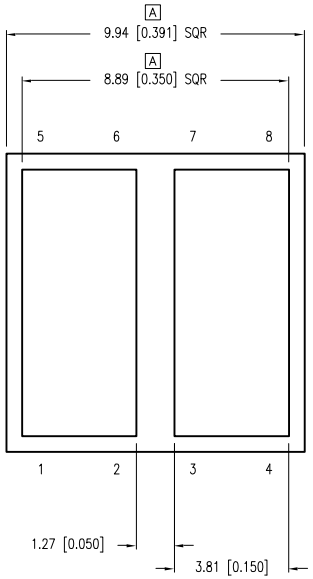
UNCONTROLLED DOCUMENT

PART NUMBER	SSB-LXD100SRW	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
09.27.96	E.C.N. #10241./		A





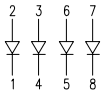
ELECTRO-OPTICAL CHARACTERISTICS T_A=25°C I_f=20mA

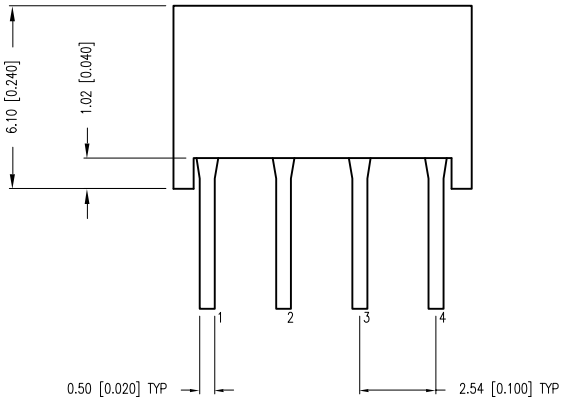
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660 (RED)		nm	
FORWARD VOLTAGE		1.7	2.2	V_f	
REVERSE VOLTAGE	5.0			V_r	I_r=100uA
AXIAL INTENSITY		40		mcd	I_f=20mA
VIEWING ANGLE		160		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	-0.5	mW/°C
OPERATING TEMP.	-20 TO +85	°C
STORAGE TEMP.	-20 TO +85	°C
SOLDERING TEMP.	+230	°C
2.0mm FROM BODY		3 SEC MAX

* t<10uS





RELIABILITY NOTICE:

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.

*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.= $^{+0.00}_{-\text{DECIMAL PRECISION}}$

UNCONTROLLED DOCUMENT

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DUAL 8.89mm x 3.81mm SEGEMENT LIGHTBAR, MILKY WHITE DIFFUSED.

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

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DATE: 04.20.93	DRAWN BY: -
PAGE: 1 OF 1	CHKD BY: -
SCALE: N/A	APRVD BY: -
UNIT: mm [INCH]	Pb