PART NUMBER	REV.
SSB-LX2785YW	B

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10208.	7.8.96
B	E.C.N. #10BRDR. & REDRAWN.	6.25.01

19.05 [0.750]

16 15 14 13 12 11 10 9

8.89 [0.350]

1 2 3 4 5 6 7 8

4.00 [0.157]

0.25 [0.010] (2 PLS.)

9.94 [0.391]   7.62 [0.300]

20.04 [0.789]

6.10 [0.240]

1.02 [0.040]

0.50 [0.020] (8 PLS.)

2.54 [0.100] (7 PLS.)

17.78 [0.700]

2 3 6 7 10 11 14 15

1 4 5 8 9 12 13 16
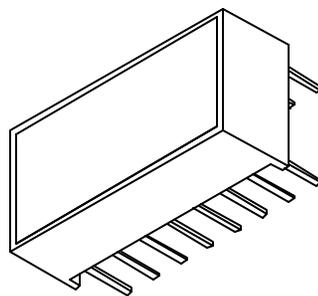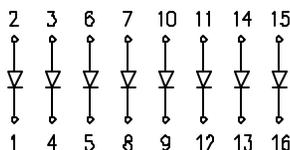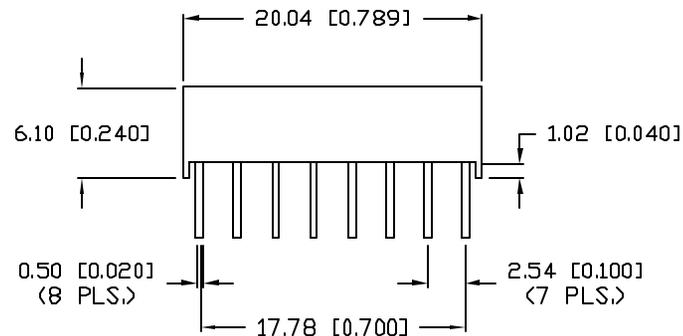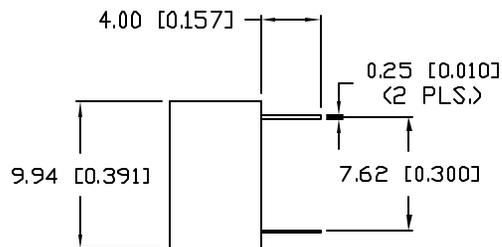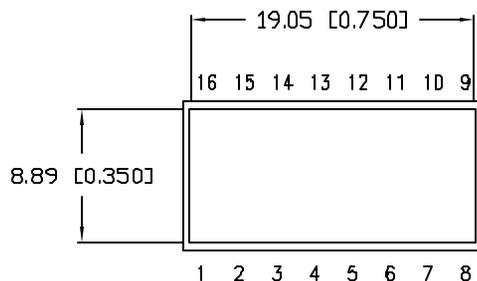
ELECTRO-OPTICAL CHARACTERISTICS $T_A=25°C$ $I_f=20mA$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585		nm	
FORWARD VOLTAGE		2.1	2.8	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu A$
AXIAL INTENSITY		70		mcd	$I_f=20mA$
VIEWING ANGLE		160		2x theta	
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

* $t<10\mu S$

*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

REV.	PART NUMBER		
B	SSB-LX2785YW		
	19.05mm x 8.89mm LIGHT BAR,		
	MILKY WHITE DIFFUSED.		

LUMEX

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DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE: 4.8.93
CT			PAGE: 1 OF 1
			SCALE: N/A