PART NUMBER	REV.
SSB-LX620SRW	E

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10BRDR. & REDRAWN.	7.10.98
B	E.C.N. #10BRDR. & REDRAWN.	4.28.00
C	E.C.N. #10BRDR. & REDRAWN.	6.20.01
D	E.C.N. #11148.	1.21.05
E	E.C.N. #11859.	05.02.13
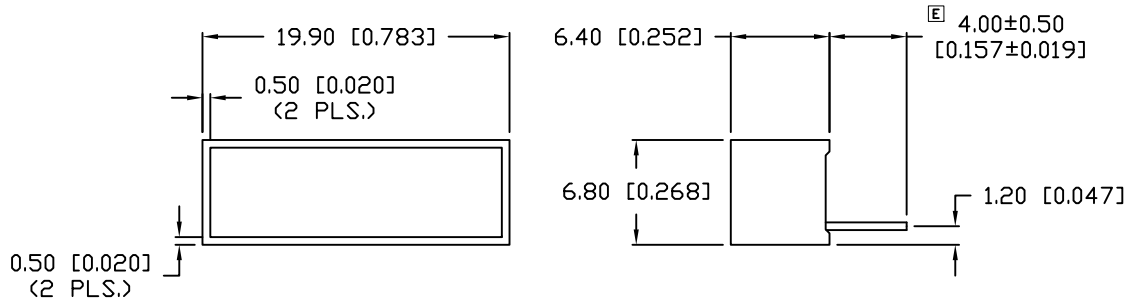
ELECTRO-OPTICAL CHARACTERISTICS $T_A=25°C$ $I_f=20mA$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		1.8	2.3	V_f	
REVERSE VOLTAGE	4.0			V_r	$I_r=100\mu A$
AXIAL INTENSITY		70		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	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.6	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

* $t<10\mu S$

Dimensions:
- 19.90 [0.783]
- 0.50 [0.020] (2 PLS.)
- 0.50 [0.020] (2 PLS.)
- 6.40 [0.252]
- 6.80 [0.268]
- E 4.00±0.50 [0.157±0.019]
- 1.20 [0.047]
- 0.50 [0.020] (6 PLS.)
- 2.54 [0.100] (5 PLS.)
- 12.70 [0.500]

1 2 3 4 5 6
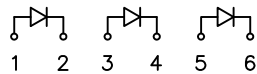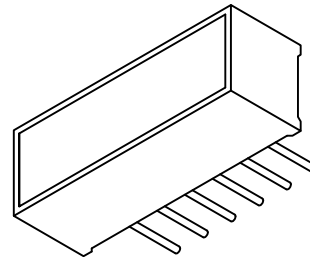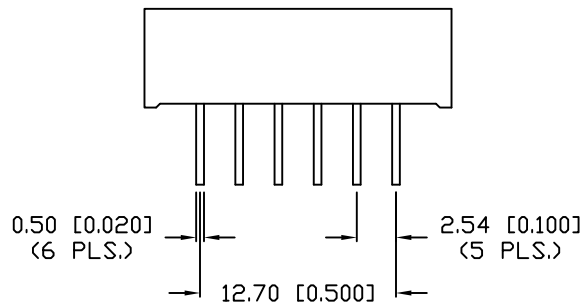
*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION / -0.00   MAX.= +0.00 / -DECIMAL PRECISION

REV.	PART NUMBER					
E	SSB-LX620SRW					

6mm x 20mm, 3 CHIP LIGHT BAR, 660nm SUPER RED CHIPS, MILKY WHITE DIFFUSED, LEAD FREE.

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C B A

DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE: 4.28.00
CT			PAGE: 1 OF 1
			SCALE: N/A