PART NUMBER	REV.
SSB-LX620SYD	A

DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.
05.02.13	E.C.N. #11859.	A

19.90 [0.783]
0.50 [0.020]
(2 PLS.)
0.50 [0.020]
(2 PLS.)

6.40 [0.252]
6.80 [0.268]

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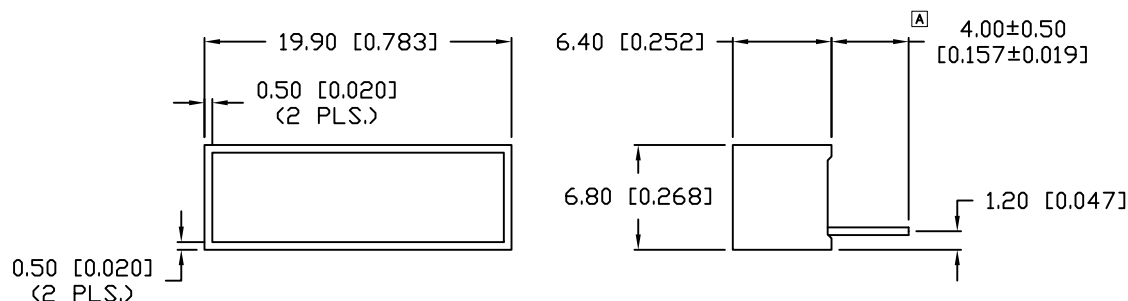
ELECTRO-OPTICAL CHARACTERISTICS T_A=25°C I_f= 20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		590		nm	
FORWARD VOLTAGE		2.0	2.5	V_f	
REVERSE VOLTAGE	5.0			V_r	I_r=100µA
AXIAL INTENSITY		80		mcd	I_f= 20mA
VIEWING ANGLE		160		2x theta	
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	YELLOW 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<10µS
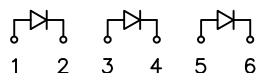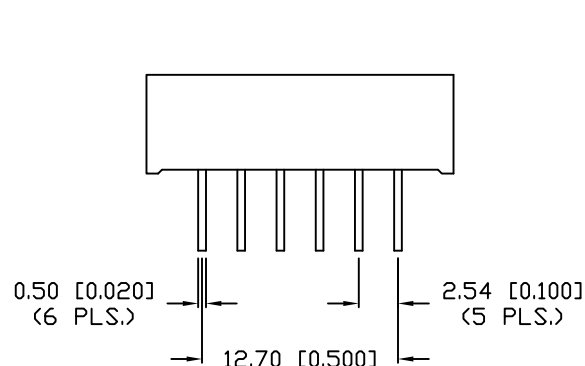
*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN=$^{+DECIMAL\ PRECISION}_{-0.00}$ MAX.=$^{+0.00}_{-DECIMAL\ PRECISION}$

REV.	PART NUMBER
A	SSB-LX620SYD

6mm x 20mm, 3 CHIP LIGHT BAR,
590nm SUPER YELLOW CHIPS, YELLOW DIFFUSED.

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CT			PAGE:	1 OF 1
			SCALE:	N/A

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