UNCONTROLLED DOCUMENT

PART NUMBER	SSA-LXB20G14Y3I3W	REV.	В						
DATE	DATE E.C.N. NUMBER AND REVISION COMMENTS								
03.21.11	E.C.N. #10BRDR. & REDRAWN.								
12.12.12	E.C.N. #11845		В						

В

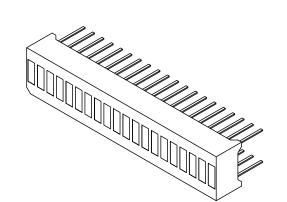
ELECTRO-OPTICAL CHARACTERISTICS TA =25°C If=20mA							
PARAMETER	GREEN	YELLOW	RED	UNITS	TEST COND		
PEAK WAVELENGTH	565	585	635	nm			
FORWARD VOLTAGE (TYP.)	2.2	2.1	2.0	Vf			
FORWARD VOLTAGE (MAX.)	2.5	2.5	2.5	Vf			
REVERSE VOLTAGE	5.0	5.0	5.0	Vr	Ir=100μA		
AXIAL INTENSITY	7	7	7	mcd	If=20mA		
VIEWING ANGLE	160	160	160	2x theta			
LED POSITION	1~14	15~17	18~20				
EPOXY LENS FINISH:	MILKY WHITE DI	FFUSED					

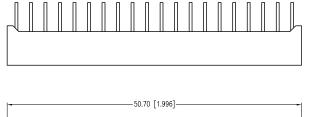
LIMITS OF SAFE OPERATION AT 25°C

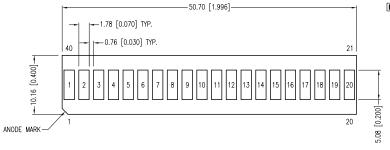
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT (G/Y/R)	25/30/30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/*C
OPERATING TEMP.	-40 TO +85	•C
STORAGE TEMP.	-40 TO +85	•c
SOLDERING TEMP.	+260	· c
2.0mm FROM BODY	3	SEC. MAX.

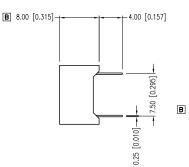
* t<10µS

В

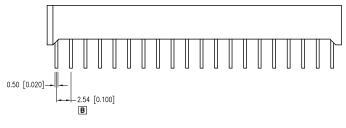








*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION MAX.= +0.00 (±0.001), X.XXX=±0.127 (±0.005).



40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	
- 1	-				- 1			- 1					- 1					- 1	\frac{1}{4}	
本	本	本	夲	夲	夲	本	本	本	夲	夲	夲	本	夲	夲	夲	夲	夲	夲	本	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	

Creating LED and LCD Solutions Together™

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FAX: +1.847.359.6538 WEB: WWW.LUMEX.COM

2 x 5mm, 20 SEGMENT BAR GRAPH, 14 GREE	N, 3 YELLOW, 3 RED,	, BLACK FACE WITH WHITE SEGEMNTS.
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THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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DATE: 03.21.11 DRAWN BY: AΒ PAGE: 1 OF CHKD BY: KF SCALE: NTS APRVD BY: KF (Pg) UNIT: mm [INCH]

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Mouser Electronics

Authorized Distributor

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