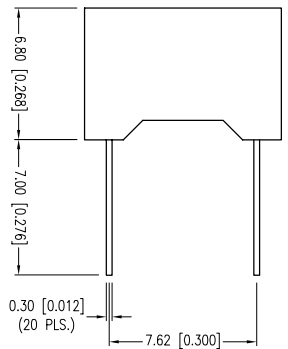
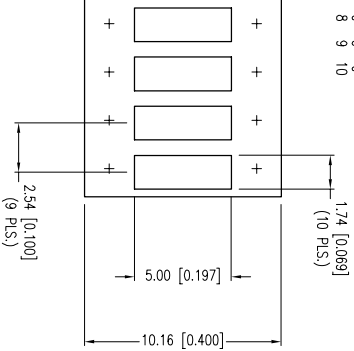
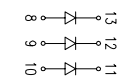
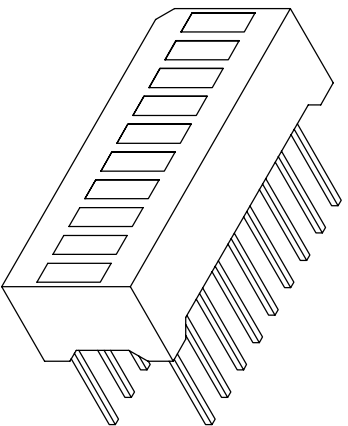
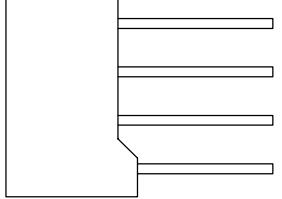




**THE DATASHEET OF
SSA-LXB10GW-GF**

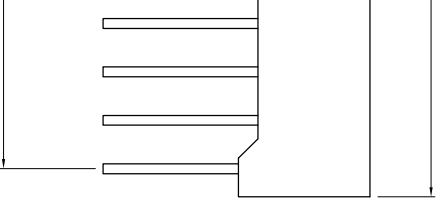


PART NUMBER	SSA-LXB10GW-GF/LP	REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.	REV.
05.12.00	E.C.N. #10BRDR. & REDRAWN.	A	A
11.08.00	E.C.N. #10676.	B	B
05.22.07	E.C.N. #11148.	C	C
02.23.11	E.C.N. #10BRDR. & REDRAWN.	D	D



ELECTRO-OPTICAL CHARACTERISTICS $I_A=25^\circ\text{C}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	V _f	$I_f=100\mu\text{A}$
REVERSE VOLTAGE	5.0			V _r	$I_f=20\text{mA}$
AXIAL INTENSITY		8		md	
VIEWING ANGLE		160		2x theta	
EMITTED COLOR:		GREEN			
EPOXY LENS FINISH:		MILKY WHITE DIFFUSED			
FACE COLOR:		GRAY			

LIMITS OF SAFE OPERATION AT 25°C			
PARAMETER	PER CHIP	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT		25	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
* I<100μS			



HELEN ROAD
E. IL 60067-6976
+1.847.359.2790
WWW.LUMEX.COM

10 SEGMENT BAR GRAPH, 565nm GREEN CHIPS, LOW PROFILE, GRAY FACE WITH WHITE SEGMENTS.

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

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UNIT:	mm [INCH]		



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