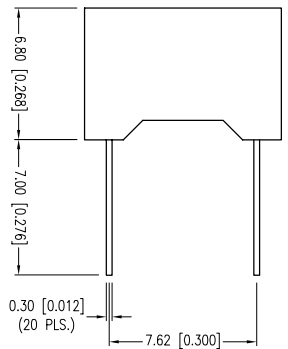
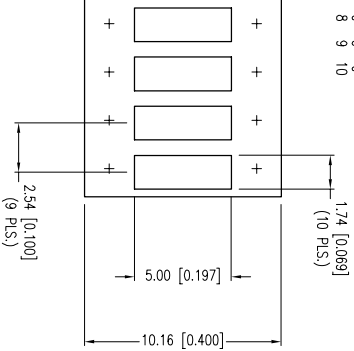
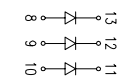
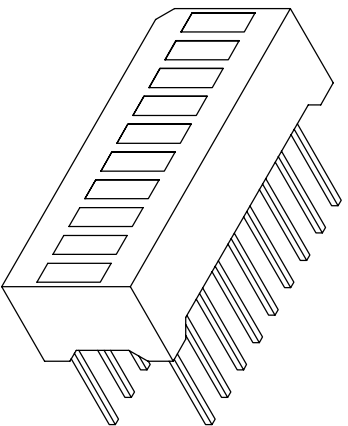
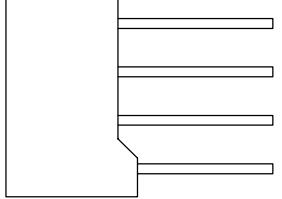




**THE DATASHEET OF
SSA-LXB10GW-GF**

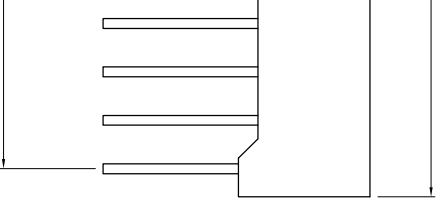


PART NUMBER	SSA-LXB10GW-GF/LP	REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.	REV.
05.12.00	E.C.N. #10BRDR. & REDRAWN.	A	A
11.08.00	E.C.N. #10676.	B	B
05.22.07	E.C.N. #11148.	C	C
02.23.11	E.C.N. #10BRDR. & REDRAWN.	D	D



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	
AXIAL INTENSITY		8		md	$I_f=20\text{mA}$
VIEWING ANGLE		160		2 \times 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			



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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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