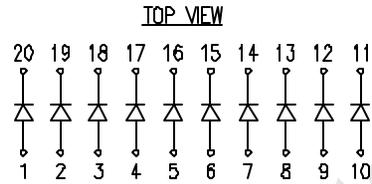
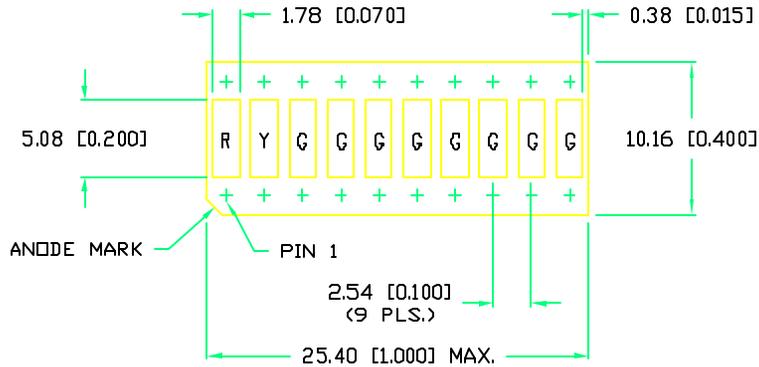


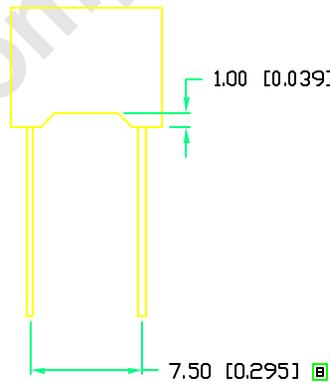
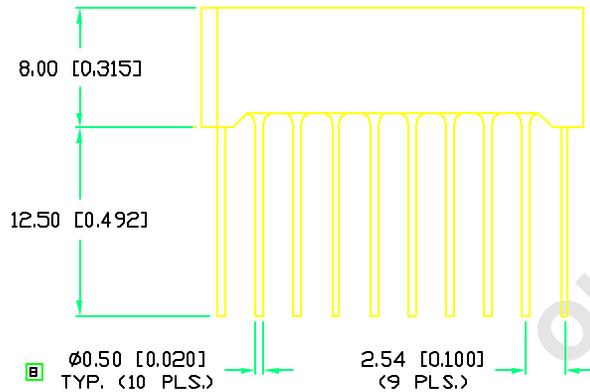
UNCONTROLLED DOCUMENT

PART NUMBER		REV.
SSA-LXB10-IYG8W-1		B
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	CHG'D FACE COLOR TO BLACK./	2-16-95
B	E.C.N. #10477 & #10BRDR. & REDRAWN./	5-12-99



NOTES:
1. R=RED, Y=YELLOW AND G=GREEN.

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$					
PARAMETER	RED	YELLOW	GREEN	UNITS	TEST COND
PEAK WAVELENGTH	635	585	565	nm	
FORWARD VOLTAGE (TYP.)	2.0	2.1	2.2	nm	
FORWARD VOLTAGE (MAX.)	2.5	2.5	2.6	V _f	
REVERSE VOLTAGE	5.0	5.0	5.0	V _r	I _r =100μA
AXIAL INTENSITY	8	8	8	mcd	I _f =20mA
VIEWING ANGLE	160	160	160	2x theta	
LED POSITION:	1	2	3~10		
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED				
FACE COLOR:	BLACK				



LIMITS OF SAFE OPERATION AT 25°C PER CHIP			
PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(R/Y/G)	30/30/25	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 < 10μs

UNCONTROLLED DOCUMENT

*UNLESS OTHERWISE SPECIFIED TOLERANCE IS ±0.25mm (±0.010")

REV.	PART NUMBER
B	SSA-LXB10-IYG8W-1
10 SEGMENT BAR GRAPH, RED IN 1 POS., YEL. IN 1 POS., GREEN IN 8 POS., BLACK FACE WITH MILKY WHITE DIFFUSED EPOXY.	

CONFIDENTIAL INFORMATION
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RELIABILITY NOTE
OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.

LUMEX INCORPORATED		290 E. HELLEN ROAD PALATINE, ILLINOIS 60067 PHONE: 1-847-359-2790 WEB: HTTP://WWW.LUMEX.COM	
DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE: 2-14-95
BC			PAGE: 1 OF 1
			SCALE: N/A