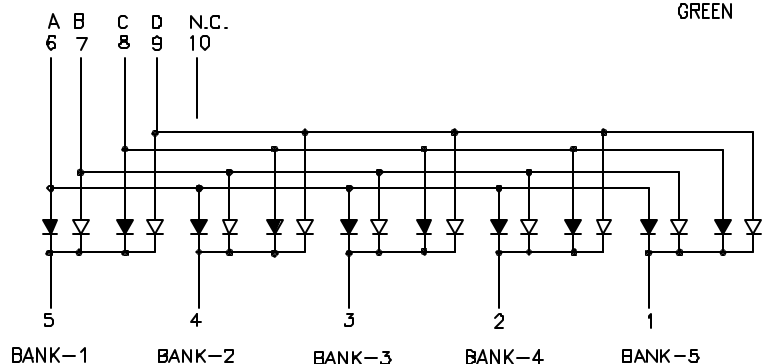
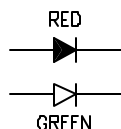
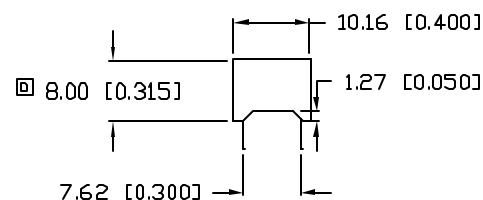
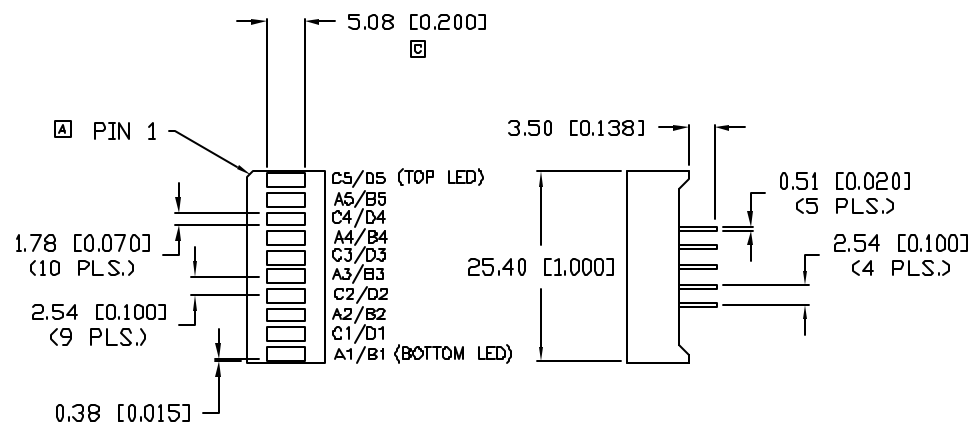


UNCONTROLLED DOCUMENT

PART NUMBER
SSA-LXB10IGWREV.
E

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.038), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±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.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	FACE COLOR BLACK/CHG'D PIN ORIENTATION	2.24.93
B	CHG'D SAFE OPER.SPEC.	8.15.94
C	CORRECTED DIM/UPDATED SPECS.	5.10.95
D	E.C.N. #10BRDR. & #10391.	10.20.97
E	E.C.N. #11148.	5.30.07

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$				
PARAMETER	RED	GREEN	UNITS	TEST COND
PEAK WAVELENGTH	635	565	nm	
FORWARD VOLTAGE (TYP.)	2.0	2.5	nm	
FORWARD VOLTAGE (MAX.)	2.2	2.6	V _f	
REVERSE VOLTAGE	5.0	5.0	V _r	$I_f=100\mu\text{A}$
AXIAL INTENSITY	6	6	mcd	$I_f=20\text{mA}$
VIEWING ANGLE	80	80	2x theta	
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*	(R/G)	150/150	mA
STEADY CURRENT	(R/G)	30/25	mA
POWER DISSIPATION	(R/G)	105/105	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

* $t < 10\mu\text{s}$

UNCONTROLLED DOCUMENT

REV.
EPART NUMBER
SSA-LXB10IGW10 UNIT, BICOLOR RED/GREEN ARRAY, BLACK FACE,
WHITE SEGMENTS.

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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.



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JN			PAGE: 1 OF 1
			SCALE: N/A