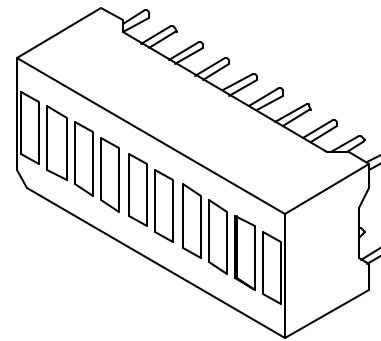
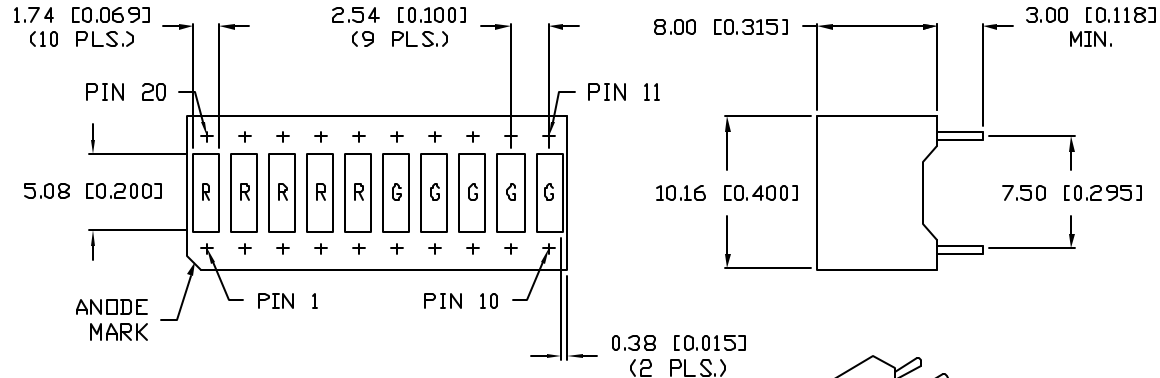


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PART NUMBER
SSA-LXB10SI5SUG5W

REV.

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$

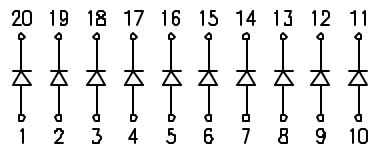
PARAMETER	RED	GREEN	UNITS	TEST COND
PEAK WAVELENGTH	636	574	nm	
FORWARD VOLTAGE (TYP.)	2.0	2.2	nm	
FORWARD VOLTAGE (MAX.)	2.5	2.8	V _f	
REVERSE VOLTAGE	5.0	5.0	V _r	$I_r=100\mu\text{A}$
AXIAL INTENSITY	50	35	mcd	$I_f=20\text{mA}$
VIEWING ANGLE	160	160	2x theta	
LED POSITION:	1~5	6~10		
EPOXY LENS FINISH:	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	(G/R)	25/30	mA
POWER DISSIPATION		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

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

TOP VIEW POLARITY



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*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.=+0.00/-0.00, MAX.=+0.00/-0.00

REV.

PART NUMBER

SSA-LXB10SI5SUG5W

10 SEGMENT RECTANGULAR BAR GRAPH,
5 RED, 5 GREEN, MILKY WHITE DIFFUSED.

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.

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SCALE: