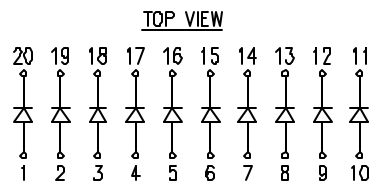
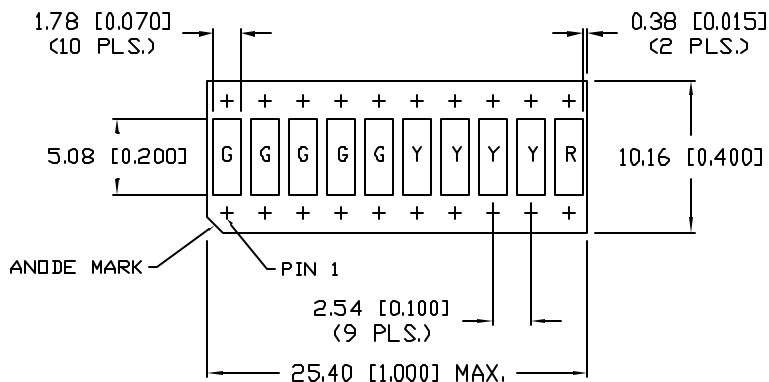


UNCONTROLLED DOCUMENT

PART NUMBER
SSA-LXB10G5Y4I1W

REV.
A

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11148	5.23.07



NOTES:

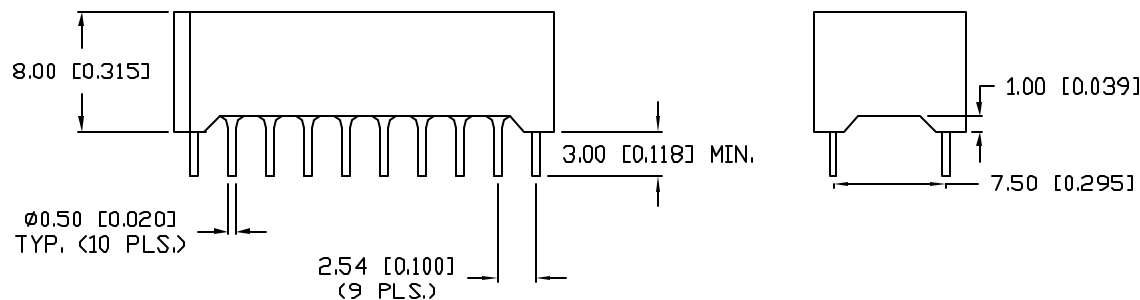
1. R=RED, Y=YELLOW AND G=GREEN.

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$		$I_f=20\text{mA}$			
PARAMETER	GREEN	YELLOW	RED	UNITS	TEST COND
PEAK WAVELENGTH	565	585	635	nm	
FORWARD VOLTAGE (TYP.)	2.2	2.1	2.0	nm	
FORWARD VOLTAGE (MAX.)	2.6	2.5	2.5	V_f	
REVERSE VOLTAGE	5.0	5.0	5.0	V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY	8	8	8	mcd	$I_f=20\text{mA}$
VIEWING ANGLE	160	160	160	$2x$ theta	
LED POSITION:	1~5	6~9	10		
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED				
FACE COLOR:	GRAY				

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(G/Y/R)	25/30/30	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			J SEC. MAX

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



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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 DECIMAL PRECISION MAX.=+0.00 -0.00 DECIMAL PRECISION

REV. PART NUMBER
A SSA-LXB10G5Y4I1W

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10 UNIT LED ARRAY, GREEN/YELLOW/RED COMBINATION,
GRAY FACE WITH MILKY WHITE DIFFUSED EPOXY.

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.

DRAWN BY: JN	CHECKED BY:	APPROVED BY:	DATE: 5.12.99
			PAGE: 1 OF 1
			SCALE: N/A