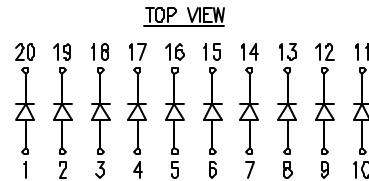
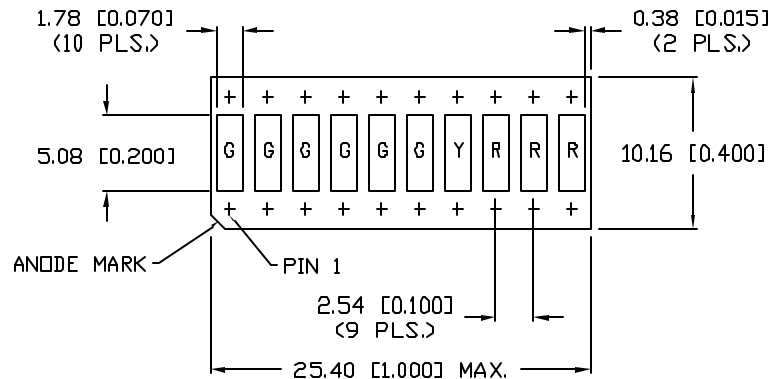


REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10477 & #10BRDR. & REDRAWN.	5.12.99
B	E.C.N. #11148	5.23.07



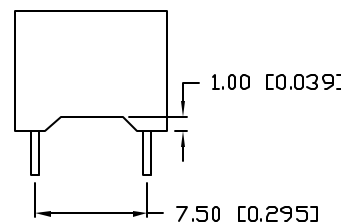
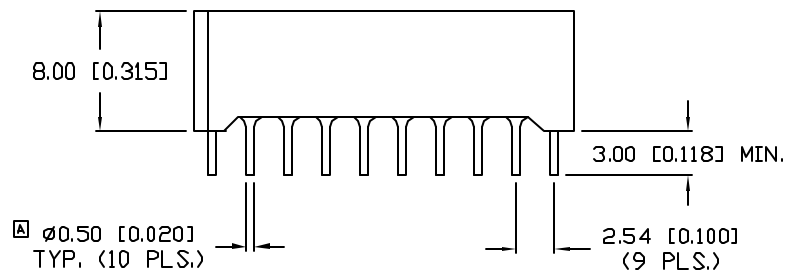
NOTES:

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
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
AXIAL INTENSITY	8	8	8	mcd
VIEWING ANGLE	160	160	160	2x theta
LED POSITION:	1~6	7	8~10	
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/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.		-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.		+260	$^\circ\text{C}$
2.0mm FROM BODY			3 SEC. MAX

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

*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.=+DECIMAL PRECISION MAX.=+0.00 -DECIMAL PRECISION

REV.

B

PART NUMBER

SSA-LXB10G6Y113WGF

10 UNIT LED ARRAY, GREEN/YELLOW/RED COMBINATION,
GRAY 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.

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