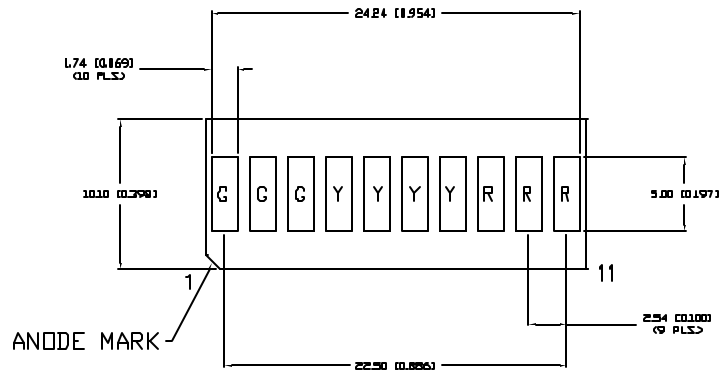
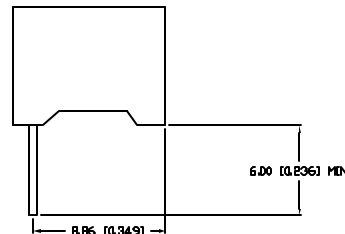
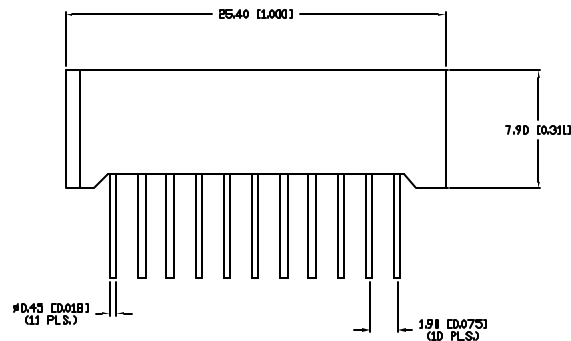
ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$

PARAMETER	GREEN	YELLOW	RED	UNITS	TEST COND
PEAK WAVELENGTH	574	590	636	nm	
FORWARD VOLTAGE (TYP.)	2.2	2.0	2.0	nm	
FORWARD VOLTAGE (MAX.)	2.5	2.5	2.5	V_f	
REVERSE VOLTAGE	5.0	5.0	5.0	V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY	20	20	20	mcd	$I_f=20\text{mA}$
VIEWING ANGLE	160	160	160	2x theta	
LED POSITION	1~3	4~7	8~10		
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED				
FACE COLOR:	BLACK				

LIMITS OF SAFE OPERATION AT 25°C PERDIE

PARAMETER	COLOR	MAX	UNITS
PEAK FORWARD CURRENT*		80	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=+0.00 DECIMAL PRECISION MAX.=+0.00 DECIMAL PRECISION

REV.

PART NUMBER

SSA-LXB10-Q28656

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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JC

CHECKED BY:

APPROVED BY:

DATE: 11.06.06

PAGE: 11 OF 1

SCALE: N/A

10 UNIT LED ARRAY, SINGLE ROW PINS
3 GREEN SUG / 4 SUPER YELLOW SY / 3 RED SI
BLACK FACE / MILKY WHITE DIFFUSED LENS.