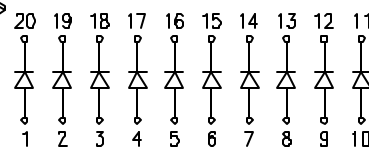


TOP VIEW



NOTES:

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

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	V_f
FORWARD VOLTAGE (MAX.)	2.6	2.5	2.5	V_f
REVERSE VOLTAGE	5.0	5.0	5.0	V_r $I_r=100\mu\text{A}$
AXIAL INTENSITY	8	8	8	mcd $I_f=20\text{mA}$
VIEWING ANGLE	160	160	160	2θ
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	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: $X=\pm 1$ (± 0.039), $XX=\pm 0.5$ (± 0.020), $XXX=\pm 0.25$ (± 0.010), $XXXX=\pm 0.127$ (± 0.005). LEAD SIZE= ± 0.05 (± 0.002), LEAD LENGTH= ± 0.75 (± 0.030). MIN.= $\frac{+0.00}{-0.00}$ DECIMAL PRECISION MAX.= $\frac{+0.00}{-0.00}$ DECIMAL PRECISION

REV.

PART NUMBER

SSA-LXB10G5Y4I1WLP

10 SEGMENT BAR GRAPH, 5G/4Y/1R MWDF,
LOW PROFILE, GRAY FACE WITH 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.



290 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
US WEB: www.lumex.com
TW WEB: www.lumex.com.tw

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JN

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