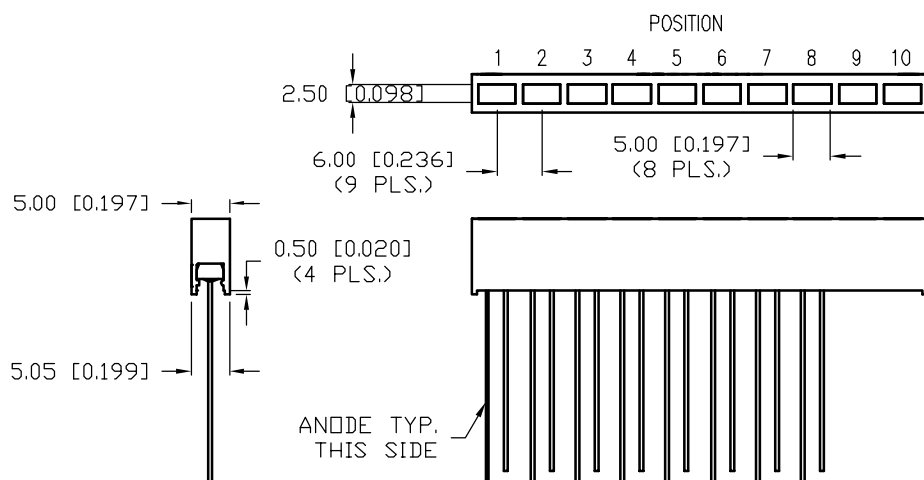
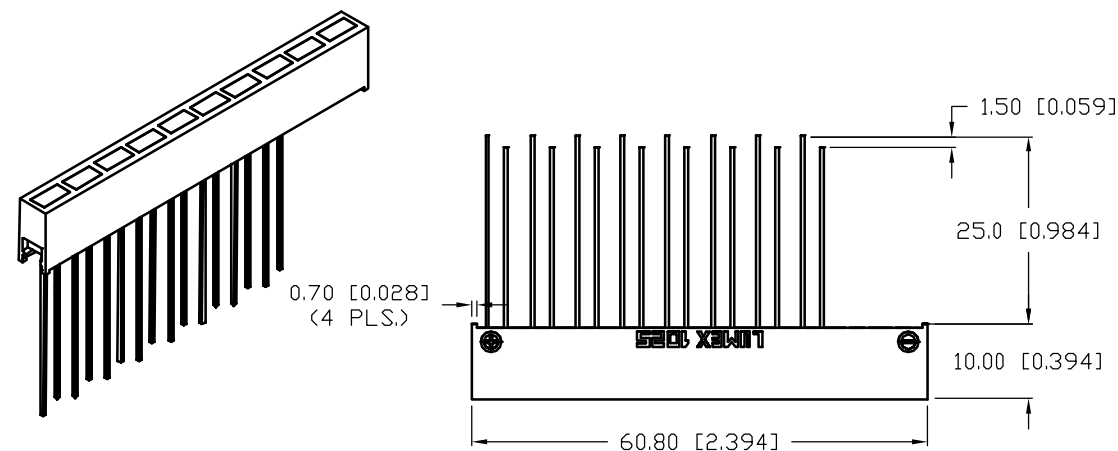


*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN.=+DECIMAL PRECISION MAX.=+0.00 -DECIMAL PRECISION

ELECTRO—OPTICAL CHARACTERISTICS			T _A =25°C	I _f =20mA	
PARAMETER	RED	GREEN	UNITS	TEST COND	
PEAK WAVELENGTH	635	565	nm		
FORWARD VOLTAGE (TYP.)	2.0	2.2	V _f		
FORWARD VOLTAGE (MAX.)	2.5	2.6	V _f		
REVERSE VOLTAGE	5.0	5.0	V _r	I _r =100μA	
AXIAL INTENSITY	10	10	mcd	I _f =20mA	
VIEWING ANGLE	110	110	2x theta		
LED POSITION:	1	2~8			
EPOXY LENS FINISH:	RED	GREEN			

LIMITS OF SAFE OPERATION AT 25°C PER LED

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(R/G)	30/25	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<10μs

NOTES:

- SSH-LXH1025 HOLDER. MATERIAL.: BLACK NYLON, UL V94-0.
- SSL-LX25583ID LED (1 PCS). UN CUT LEADS.
- SSL-LX25583GD LED (7 PCS). UN CUT LEADS.
- SORT LEDS FOR MATCHED INTENSITY PER.
- NO LED IN POSITION 9-10.



REV.

PART NUMBER

SSA-LXH1025I1G7XXD

10 UNIT LED ARRAY, 2.5mm x 5mm RECTANGULAR LED,
POS.1: 635nm RED, RED DIFFUSED,
POS.2~8: GREEN, GREEN DIFFUSED, UN CUT LEADS.

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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JN

PAGE: 1 OF 1

SCALE: N/A