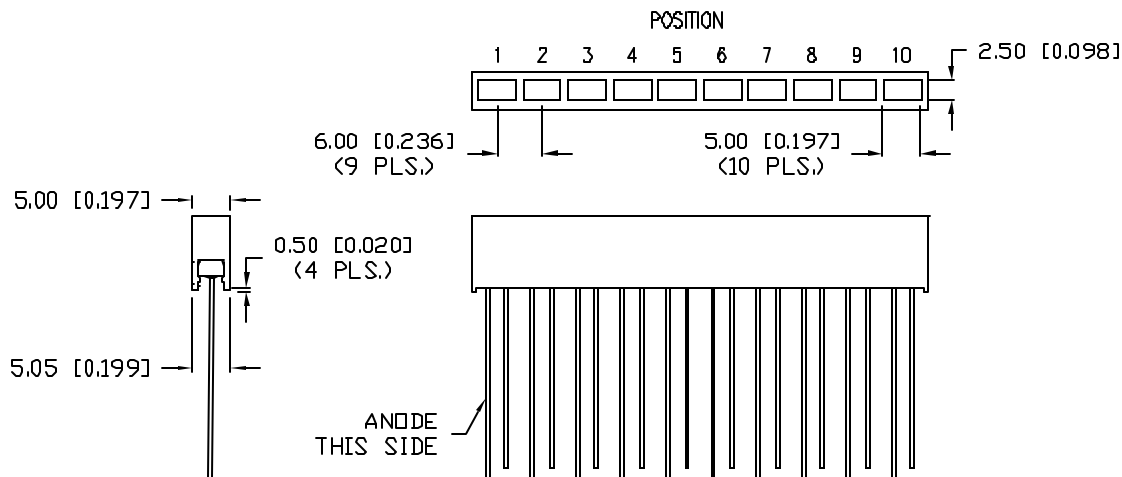
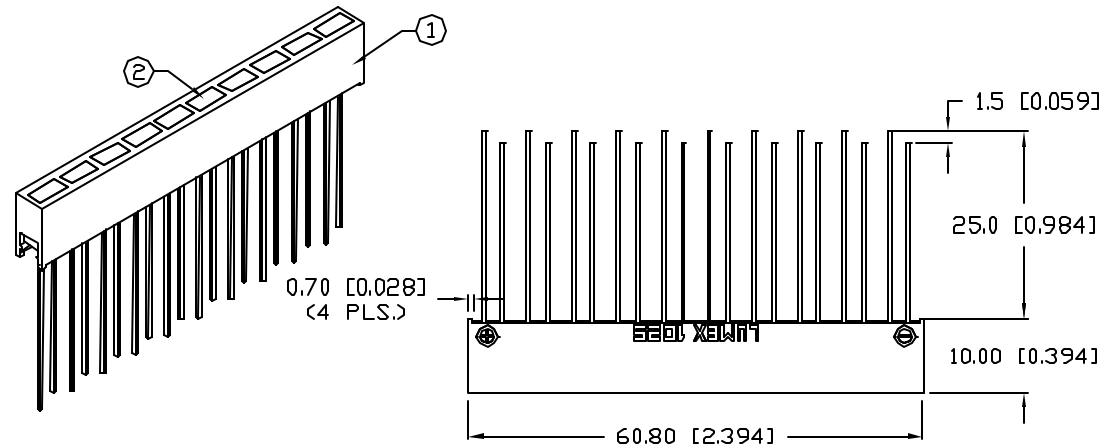


UNCONTROLLED DOCUMENT



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

PART NUMBER

SSA-LXH1025Q38429

REV.

PRELIMINARY IN P/N DIR

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

PARAMETER	RED	GREEN	UNITS	TEST COND
PEAK WAVELENGTH	636	574	nm	
FORWARD VOLTAGE (TYP.)	2.0	2.2	V_f	
FORWARD VOLTAGE (MAX.)	2.6	2.6	V_f	
REVERSE VOLTAGE	5.0	5.0	V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY	200	100	mcd	$I_f=20\text{mA}$
VIEWING ANGLE	60	60	2x theta	
LED POSITION:	1-4,7-10	5,6		
EPOXY LENS FINISH:	DIFFUSED SAME AS EMITTED COLOR			

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

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/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.		-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.		+260	$^\circ\text{C}$
2.0mm FROM BODY			3 SEC. MAX

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

NOTES:

- SSH-LXH1025 HOLDER. MATERIAL: BLACK NYLON, UL 94V-0.
- SSL-LX25583SID, LED. (8 PCS.)
- SSL-LX25583SUGD, LED. (2 PCS.)



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REV.

PART NUMBER

SSA-LXH1025Q38429

2.5mm x 5mm 10 LED RECTANGULAR ARRAY,
636nm RED LEDS, 2 574nm GREEN LEDS.

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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PAGE: 1 OF 1

SCALE: N/A