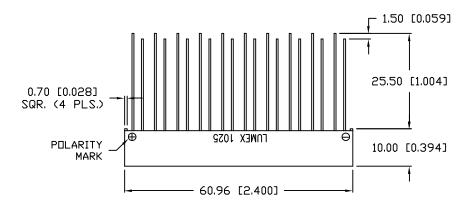
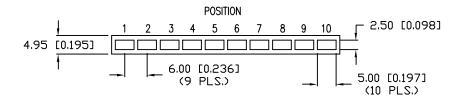
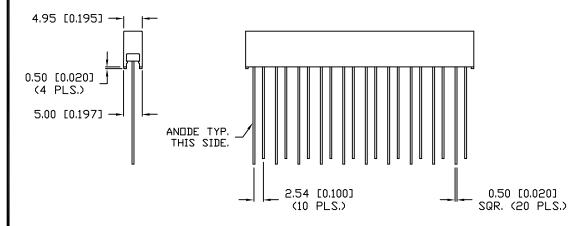
UNCONTROLLED DOCUMENT







PART NUMBER

SSA-LXH1025G7H3D

ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=20mA PARAMETER **GREEN** RED UNITS TEST COND PEAK WAVELENGTH 565 700 nm FORWARD VOLTAGE (TYP.) 2.2 2.0 nm FORWARD VOLTAGE (MAX.) 2.6 2.5 V_{f} REVERSE VOLTAGE 5.0 5.0 V_r Ir=100µA AXIAL INTENSITY 10 8 mcd $I_f = 20 \text{mA}$ VIEWING ANGLE 110 110 2x theta LED POSITION: 1~7 8-10 EPOXY LENS FINISH: DIFFUSED SAME AS EMITTED COLOR

LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	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:

- 1. SSH-LXH1025 HOLDER. MATERIAL.: BLACK NYLON, UL V94-0.
- 2. SSL-LX25583GD LED (7 PCS.). UNCUT LEADS.
- 3. SSL-LX25583HD LED (3 PCS). UNCUT LEADS.
- 4. SORT LEDS FOR MATCHED INTENSITY PER. SPP 0202 (GREEN).

*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).

REV.

PART NUMBER SSA-LXH1025G7H3D

10 UNIT LED ARRAY, 2.5mm x 5mm RECTANGULAR LEDS, POS. 1~7: 565nm GREEN, POS. 8~10: 700nm RED, DIFFUSED PER POSITION, UNCUT LEADS.

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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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DATE: 3-17-00 PAGE: 1 OF 1

REV.

SCALE: N/A

BC/SK

Mouser Electronics

Authorized Distributor

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