

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Lumex, Inc.](#)
[SSF-LXH25780ID](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

DATE	REVISIONS	REV	DRAWING NUMBER	REV
11-3-97	E.C.N. #10BRDR. & #10394./	A	SSF-LXH25780ID	A

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED)		nm	
FORWARD VOLTAGE		2.0	2.5	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r = 100\mu\text{A}$
AXIAL INTENSITY		15		mcd	$I_f = 20\text{mA}$
VIEWING ANGLE		110		$2 \times \text{theta}$	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	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.	+280	$^\circ\text{C}$
2.0mm FROM BODY		3 SEC. MAX

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

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.

NOTES:

- SSL-LX25783ID LED.
- SSH-LXH25780 HOLDER, BLACK.

LUMEX
INCORPORATED

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DATE: 2-17-93	DWN:	CHK'D:	APPD:
SCALE: N/A			

2.5mm x 7mm RECTANGULAR, RIGHT ANGLE LED,
RED DIFFUSED.

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