

## Excellent Integrated System Limited

Stocking Distributor

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

[Lumex, Inc.](#)  
[SSF-LXH25780IGW](#)

For any questions, you can email us directly:  
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

DATE	REVISIONS	REV	DRAWING NUMBER	REV
11-3-97	E.C.N. #10BRDR. & #10394./	A	SSF-LXH25780IGW	A

*UNCONTROLLED DOCUMENT*

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	
		565 (GREEN)		nm	
FORWARD VOLTAGE(R/G)		2.0/2.2	2.5/2.6	$V_f$	
REVERSE VOLTAGE	5.0			$V_r$	$I_r = 100\mu\text{A}$
AXIAL INTENSITY (R/G)		15/9		mcd	$I_f = 20\text{mA}$
VIEWING ANGLE		110		$2 \times \theta$	
EMITTED COLOR:	RED/GREEN				
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED				

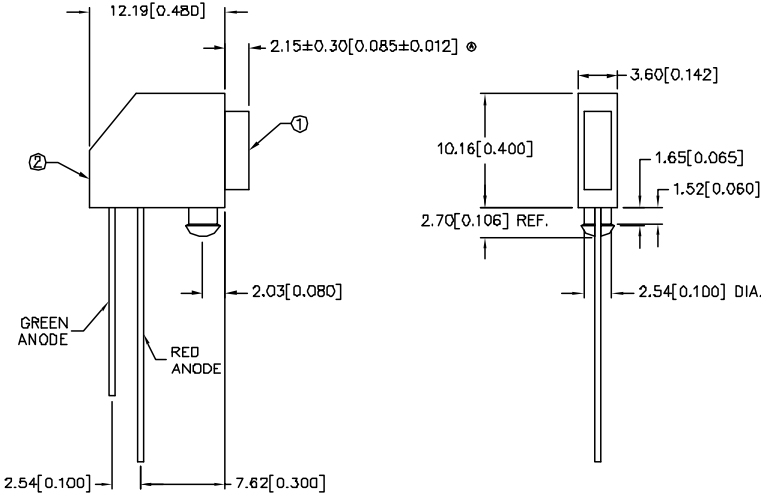
LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	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

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

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:

1. SSL-LX25783IGW LED.
2. SSH-LXH25780 HOLDER, BLACK.

<b>LUMEX</b> INCORPORATED		290 E. HELLEN ROAD PALATINE, ILLINOIS 60067 (847) 359-2790	
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DATE: 7-11-96	DWN:	CHK'D:	APPD:
SCALE: N/A			
2.5mm x 7mm RECTANGULAR, RIGHT ANGLE LED, MILKY WHITE DIFFUSED, BICOLOR, RED/GREEN.			
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UNLESS OTHERWISE SPECIFIED TOLERANCE IS  $\pm 0.25\text{mm}$  ( $\pm 0.010''$ )