

## Excellent Integrated System Limited

Stocking Distributor

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

[Lumex, Inc.](#)  
[SSL-LX2573USBD](#)

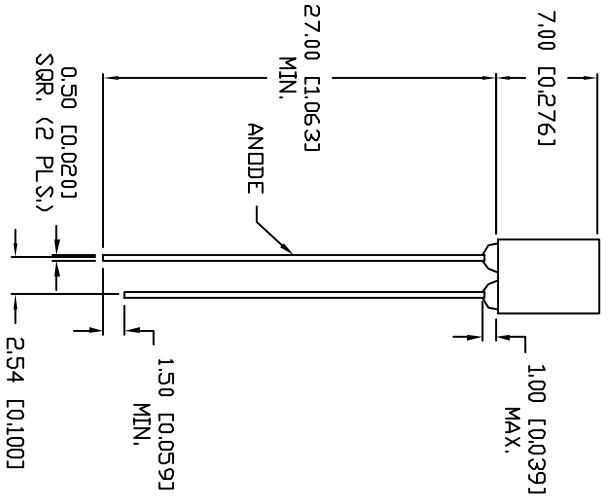
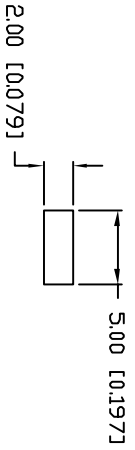
For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

UNCONTROLLED DOCUMENT

PART NUMBER  
 SSL-LX2573USBD

REV.



CAUTION: STATIC SENSITIVE DEVICE  
 FOLLOW PROPER E.S.D. HANDLING PROCEDURES  
 WHEN WORKING WITH THIS PART.

\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=.25 (±0.009), XX=.50 (±0.020), XXX=.75 (±0.010), XXXX=1.00 (±0.038), LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030), MIN.= -0.00

ELECTRO-OPTICAL CHARACTERISTICS  $I_A=25mA$   $I_f=20mA$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	470		4.0	nm	
FORWARD VOLTAGE	3.5			$V_f$	$I_f=100\mu A$
REVERSE VOLTAGE	5.0			$V_r$	$I_f=20mA$
AXIAL INTENSITY	70			mcad	
VIEWING ANGLE	110			$2\theta$ theta	
EMITTED COLOR:	BLUE				
EPOXY LENS FINISH:	BLUE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	98	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	

\*  $t < 10\mu s$

UNCONTROLLED DOCUMENT

CONFIDENTIAL INFORMATION  
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EQUILIBRIUM 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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 SCALE: N/A

REV.

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2mm x 5mm 470nm ULTRA SUPER BLUE LED,

BLUE DIFFUSED LENS.