

Excellent Integrated System Limited

Stocking Distributor

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

[Lumex, Inc.](#)
[SSB-LX2635IW](#)

For any questions, you can email us directly:
sales@integrated-circuit.com

DATE	REVISIONS	REV	DRAWING NUMBER	REV
4-8-96	E.C.N.# 10144./	A	SSB-LX2635IW	A

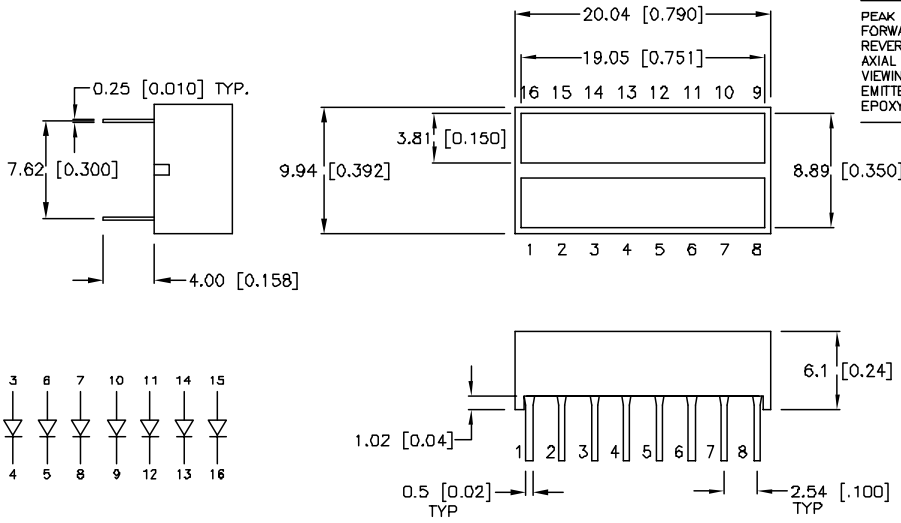
ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED)		nm	
FORWARD VOLTAGE		2.0	2.8	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY		50		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		160		$2 \times \text{theta}$	
EMITTED COLOR	RED				
EPOXY LENS FINISH	MILKY WHITE	DIFFUSED			

LIMITS OF SAFE OPERATION PER CHIP AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-0.5	$\text{mW}/^\circ\text{C}$
OPERATING, STORAGE TEMP	-20 TO +85	$^\circ\text{C}$
LEAD SOLDERING TEMP	+230	$^\circ\text{C}$
2.0mm FROM BODY		3 SEC. MAX

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



UNIT: mm [INCHES]
 TOLERANCE: ± 0.25 [± 0.01] UNLESS OTHERWISE SPECIFIED

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.

LUMEX OPTO COMPONENTS INC.		292 E. HELLEN ROAD PALATINE, ILLINOIS 60067 (708) 359-2790	
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DATE:	3-15-96	DWN:	
SCALE:	N/A	CHK'D:	
19.05mm x 8.89mm 2 WINDOW LIGHT BAR, RED, MILKY WHITE DIFFUSED LENS			
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			REV A