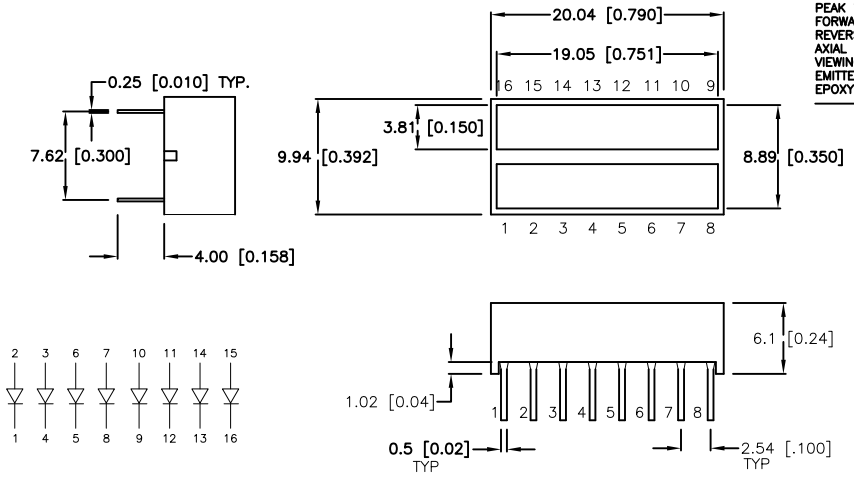
DATE	REVISIONS	REV
4-8-96	E.C.N.# 10144./	A

DRAWING NUMBER	REV
SSB-LX2735YW	A



ELECTRO-OPTICAL CHARACTERISTICS T_A=25°C I_f=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585 (YELLOW)		nm	
FORWARD VOLTAGE		2.1	2.8	V_f	
REVERSE VOLTAGE	5.0			V_r	I_r=100uA
AXIAL INTENSITY		40		mcd	I_f=20mA
VIEWING ANGLE		80		2x theta	
EMITTED COLOR	YELLOW				
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	-1.2	mW/°C
OPERATING, STORAGE TEMP	-40 TO +85	°C
LEAD SOLDERING TEMP	+260	°C
2.0mm FROM BODY		3 SEC. MAX

* t<10uS

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:	CHK'D:	APPD:
SCALE: N/A			

19.05mm x 8.89mm 2 WINDOW LIGHT BAR,
YELLOW, MILKY WHITE DIFFUSED

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ok

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