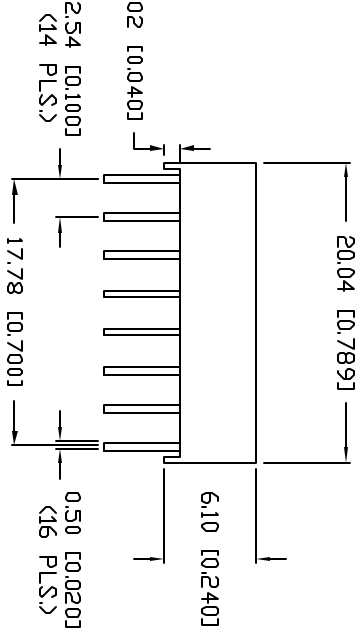
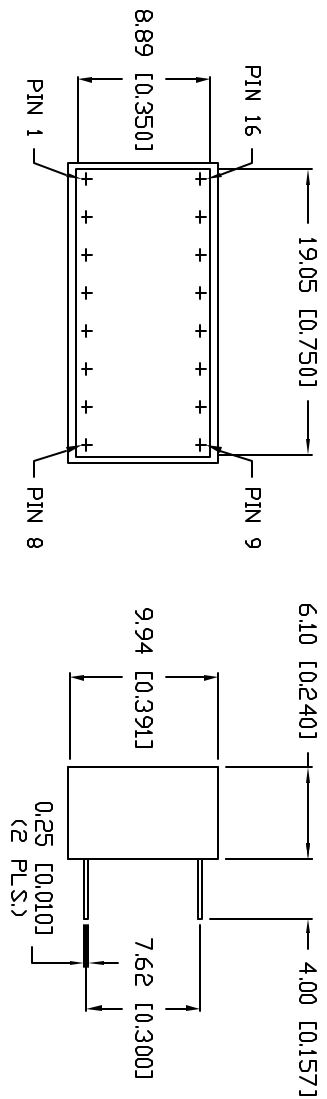


ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=20mA				
PARAMETER	MIN	TYP	MAX	UNITS
PEAK WAVELENGTH		605		nm
FORWARD VOLTAGE		2.1	2.5	Vf
REVERSE VOLTAGE	5.0			Vr
AXIAL INTENSITY		35		mcd
VIEWING ANGLE		160		2x theta
EMITTED COLOR:	AMBER			
EPOXY LENS FINISH:	AMBER DIFFUSED			

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/°C	
OPERATING, STORAGE TEMP.	-40 TO +85		°C	
SOLDERING TEMP.	+260		°C	
2.0mm FROM BODY			3 SEC. MAX	
* I<10μS				

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (+0.039), XX=±0.5 (+0.020), XXX=±0.25 (+0.010), XXXX=±0.127 (+0.005), LEAD SIZE=±0.05 (+0.002), LEAD LENGTH=±0.75 (+0.030), MIN= -0.00

PART NUMBER

SSB-LX2785AD

10mm x 20mm LIGHT BAR, 605nm AMBER LEDS,
AMBER DIFFUSED EPOXY.

CONFIDENTIAL INFORMATION

THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND OBSERVATION TO ALL THIRD PARTIES.

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.



290 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
US WEB: www.lumex.com
TW WEB: www.lumex.com.tw

DRAWN BY: CT
CHECKED BY:
APPROVED BY: DATE: 5.22.01
PAGE: 1 OF 1
SCALE: N/A