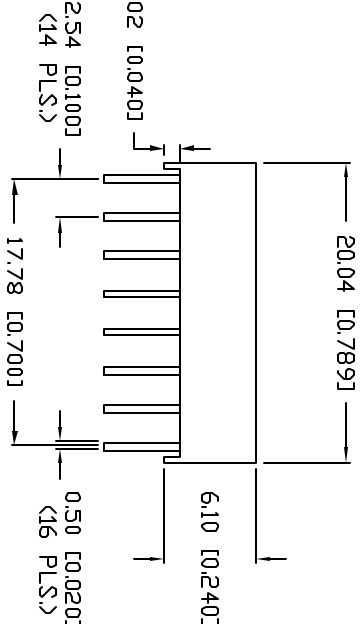
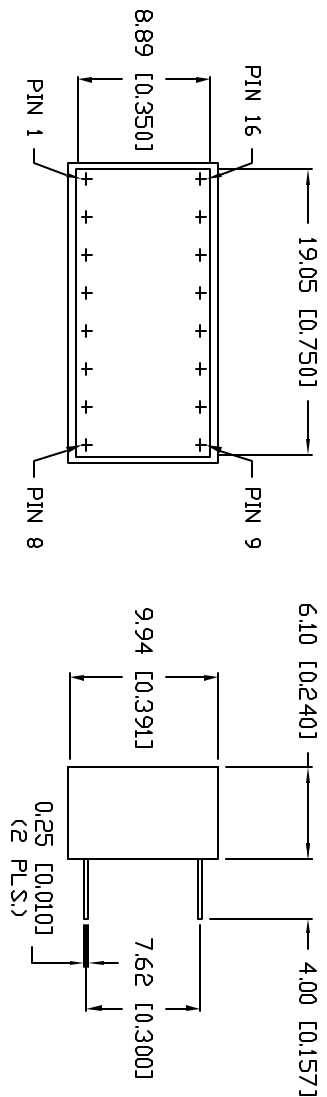


ELECTRO-OPTICAL CHARACTERISTICS TA=25°C					If=20mA	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND	
PEAK WAVELENGTH		605		nm		
FORWARD VOLTAGE		2.1	2.5	Vf	If=100µA	
REVERSE VOLTAGE	5.0			Vr		
AXIAL INTENSITY		35		md	If=20mA	
VIEWING ANGLE		160		2x theta		
EMITTED COLOR:	AMBER					
EPOXY LENS FINISH:	AMBER DIFFUSED					

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

REV. PART NUMBER SSB-LX2785AD

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

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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.



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SCALE: N/A