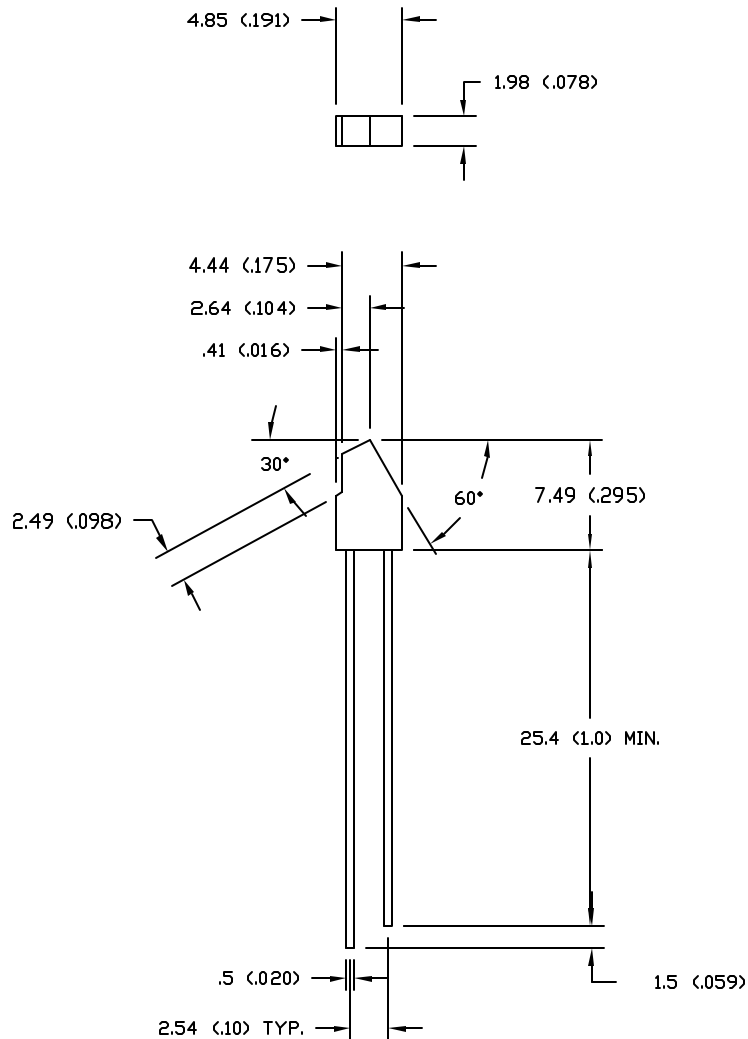


DATE	REVISIONS	REV
11-7-90	CHG'D. LEAD LNGTH. TO 25.4 MIN., & 1mcd @ 11mA= If 2θ = 200°	A
1-26-95	REDRAWN & UPDATED SPECS./	B

UNCONTROLLED DOCUMENT



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.

UNCONTROLLED DOCUMENT

LX2182AB

DRAWING NUMBER					REV	
SSL-LX21826HD					B	
ELECTRO-OPTICAL CHARACTERISTICS					TA =25°C	I _f =20mA
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND	
PEAK WAVELENGTH		695	(RED)	nm		
FORWARD VOLTAGE		2.1	2.8	V _f		
REVERSE VOLTAGE	5.0			V _r	I _r =10DuA	
AXIAL INTENSITY		1		mcd	I _f =11mA	
VIEWING ANGLE		200		2x theta		
EMITTED COLOR:	RED					
EPOXY LENS FINISH:	RED DIFFUSED					

Ⓑ LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	120	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<10μS		

LUMEX
OPTO COMPONENTS INC.

292 E. HELLEN ROAD
PALATINE, ILLINOIS 60067
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DATE: 10-2-90	DWN:	CHK'D:	APPD:
SCALE: N/A			

2 X 5mm CUSTOM RECTANGULAR LED, RED DIFFUSED

PAGE 1 OF 1	DRAWING NUMBER SSL-LX21826HD	REV B
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