

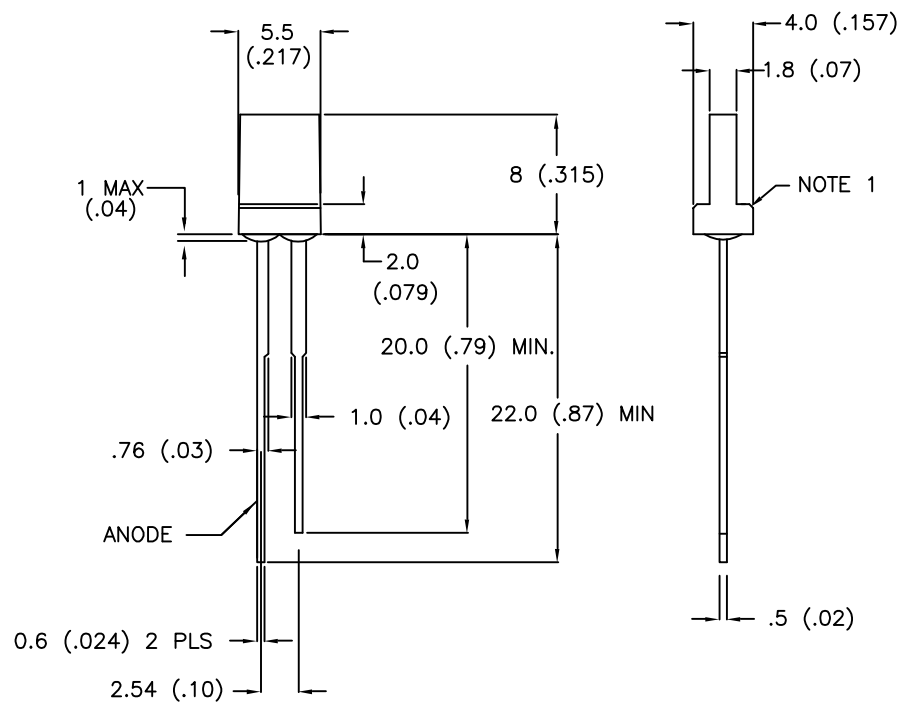
DATE

REVISIONS

REV

DRAWING NUMBER
SSL-LX2581YD

REV

TOLERANCE: ± 0.2 (± 0.01)NOTES:

- CORNER CAN BE SQUARE OR SLIGHTLY CHAMFERED.

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.

ELECTRO-OPTICAL CHARACTERISTICS TA=25 °C I _f =20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585 (YELLOW)		nm	
FORWARD VOLTAGE		2.0	2.8	V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100uA
AXIAL INTENSITY		4		mcd	I _f =20mA
VIEWING ANGLE		80		2x theta	
EMITTED COLOR :	YELLOW				
EPOXY LENS FINISH:	YELLOW DIFFUSED				

LIMITS OF SAFE OPERATION AT 25 DEG. 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<10μs

LUMEX
OPTO COMPONENTS INC.

292 E. HELLEN ROAD
PALATINE, ILLINOIS 60067
(708) 359-2790

DATE: 1-4-94

APPROVED BY:

DRAWN BY:

SCALE: N/A

2.5 X 5 mm RECTANGULAR LED WITH SHOULDER, YELLOW DIFFUSED

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LX2581AC