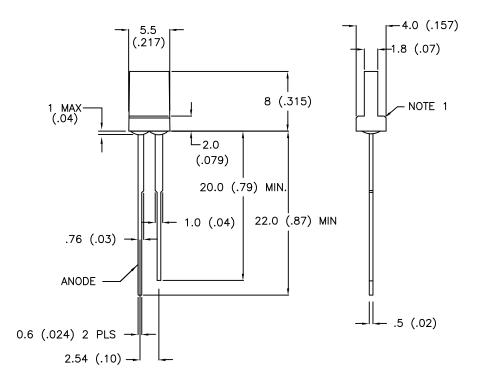
REV



TOLERANCE: ± 0.2 (± 0.01)

NOTES:

1. 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	CHARAC	TERIST	TCS TA=	25 ° C	I _f =20mA
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED)		nm	_
FORWARD VOLTAGE		2.0	2.8	v_{f}	
REVERSE VOLTAGE	5.0			v_r	1 _r =100uA
AXIAL INTENSITY		4		mcd	I _f =20mA
VIEWING ANGLE		80		2x theta	.
EMITTED COLOR :	RED				
EPOXY LENS FINISH:	RED	DIFFU:	SED		

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



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

DATE: 1-4-94

SCALE: N/A

APPROVED BY:

DRAWN BY:

2.5 X 5 mm RECTANGULAR LED WITH SHOULDER, RED DIFFUSED

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LX2581AB