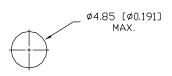
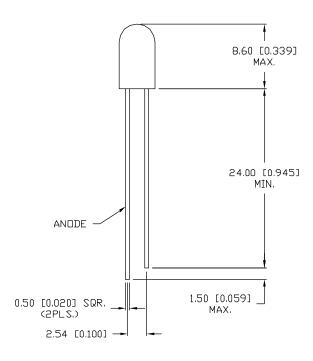
DATE	REVISIONS	REV	DRAWING NUMBER	REV
			SSL-LX509F3ID	





ELECTRO-OPTICAL CHARACTERISTICS $T_A = 25$ °C $I_f = 20$ mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH FORWARD VOLTAGE REVERSE VOLTAGE AXIAL INTENSITY VIEWING ANGLE EMITTED COLOR: EPOXY LENS FINISH:	5.0 RED RED	635 (RED) 2.0 40 60 DIFFUSED	2.5	nm V _f V _r mcd 2x theta	I _r =100 µA I _f =20 mA

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT* STEADY CURRENT POWER DISSIPATION DERATE FROM 25°C OPERATING, STORAGE TEMP. SOLDERING TEMP. 2.0mm FROM BODY	150 30 105 -1.2 -40 TO +85 +260	mA mA mW mW/*C *C *C 3 SEC. MAX

^{*} t<10µS

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. HELLEN ROAD PALATINE, ILLINOIS 60067 (847) 359-2790

REV

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APPD: DWN: CHK'D: DATE: 3-5-98 SCALE: N/A

> T-5mm (T-1 3/4) FLANGELESS LED, RED, RED DIFFUSED.

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