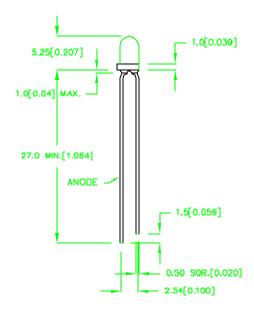
DATE	REVISIONS	REV	DRAWING NUMBER	REV
			SLX-LX3U54HD	





NOTE

1. LED LEADS SILVER.

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	695 (RED) 2.0 6.0 60 DIFFUSED	2.8	nm V _f V _r mcd 2x theta	I _r =100 uA I _f =20mA

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	15D	mΑ
STEADY CURRENT	25	rnA
POWER DISSIPATION	12D	mW
DERATE FROM 25°C	-1.6	mW/°C
OPERATING, STORAGE TEMP	-40 TO +85	•ć
LEAD SOLDERING TEMP	+260	•c
2.0mm FROM BODY		3 SEC. MAX

^{*} t<10u\$

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

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DATE:	11-21-96	DWN:	CHK'D:	APPD:
SCALE:	N/A			

T-3 (T-1) LED, RED DIFFUSED

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