DATE REVISIONS REV

DRAWING NUMBER
SLX-LX5093ID

REV

ELECTRO-OPTICAL CHARACTERISTICS TA = 25°C If = 20mA

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 D	635 (RED) 2.0 30 60 IFFUSED	2.8	nm V _f V _r mcd 2x theta	I _r =100 uA I _f =20 mA

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT* STEADY CURRENT POWER DISSIPATION DERATE FROM 25°C OPERATING, STORAGE TEMP LEAD 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<10uS

RELIABILITY NOTE:

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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

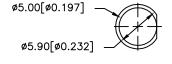
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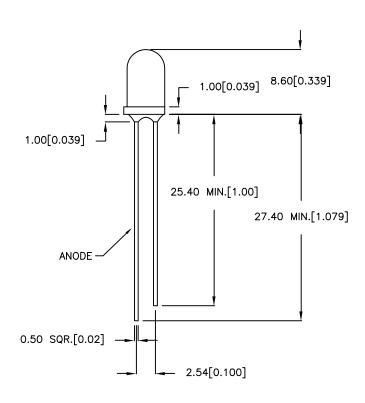
DATE:	11-21-96	DWN:	CHK'D:	APPD:
SCALE:	N/A			

T5mm (T-1 3/4) LED, RED DIFFUSED

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NOTE
1. LED LEADS SILVER.