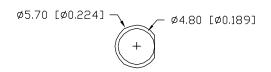
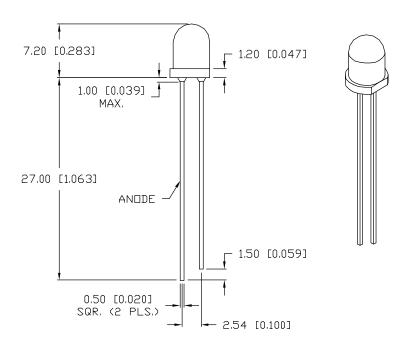
SSL-LX4073LID





ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	٧f	
REVERSE VOLTAGE	5.0			٧r	1 _r =100µA
AXIAL INTENSITY		40		mcd	$I_f = 20 \text{mA}$
	1.0			mcd	$I_f = 2mA$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°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
SOLDERING TEMP.	+ 260	° C
2.0mm FROM BODY		3 SEC. MAX
4 L 44 A C		

^{*} t<10µS

UNCONTROLLED DOCUMENT

REV.

PART NUMBER SSL-LX4073LID

T-4.7mm 635nm RED LED. RED DIFFUSED LENS, LOW CURRENT SELECTION. CONFIDENTIAL INFORMATION

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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.



CT

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DRAWN BY: CHECKED BY:

APPROVED BY: DATE: 4.10.03 PAGE: 1 OF 1 SCALE: N/A