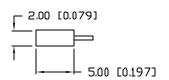
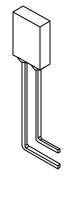
## SSL-LX2573HD-BL6

 $I_f = 20 \text{mA}$ 





0.50 [0.020]

SQR. (2 PLS.)

2.54 [0.100]

6.6 [0.260]

PARAMETER	MIN	TYP	MAX	ZTINU	TEST COND
PEAK WAVELENGTH		700		nm	
FORWARD VOLTAGE		2.0	2.5	٧f	
reverse voltage	5.0			٧ <sub>٢</sub>	I <sub>r</sub> =100μΑ
AXIAL INTENSITY		3		mcd	$I_f = 20 \text{mA}$
VIEWING ANGLE		110		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DI	IFFUSED			

ELECTRO-OPTICAL CHARACTERISTICS TA=25°C

## LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS	
PEAK FORWARD CURRENT*	150	mA	
STEADY CURRENT	25	mA	
POWER DISSIPATION	120	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	

*	t<1	QцS
		′

UNCONTROLLED DOCUMENT \*UNILESS OTHERWISE SPECIFIED TOLERANCES PER DECINAL PRECISION ARE: X=±1 (±0.039), XXX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECINAL PRECISION MAX.= +0.00 (±0.000), XXX=±0.127 (±0.000), XXXX=±0.127 (±0.000), XXXX=±0.000, XXX=±0.000, XXX=±0.00

REV. PART NUMBER SSL-LX2573HD-BL6

7.00 [0.276]

15,24±0,50

[0.600±0.020]

1.00 [0.039]

CATHODE

2mm x 5mm RECTANGULAR LED WITH FORMING LEADS, 700 RED LED, RED DIFFUSED LENS

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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.



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DRAWN BY: CHECKED BY: APPROVED BY: DATE: 6.7.05 PAGE: 1 OF 1 SCALE: N/A JD

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