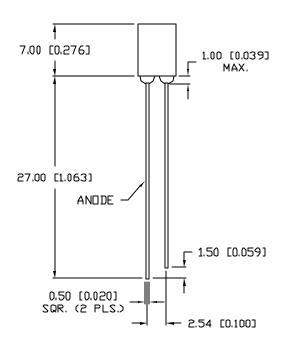
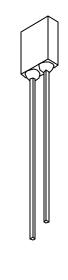
UNCONTROLLED DOCUMENT

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PART NUMBER SSL-LX2573ID

REV. E.C.N. NUMBER AND REVISION COMMENTS DATE

A E.C.N. #10113. 10.3.96

B E.C.N. #10BRDR. & REDRAWN IN 3D. 6.15.01

C E.C.N. #11248. 8.12.05

REV.

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}C$ $I_f=20mA$							
PARAMETER	MIN	ΤΥP	MAX	ZTINU	TEST COND		
PEAK WAVELENGTH		635		nm			
FORWARD VOLTAGE		2.0	2.5	Vf			
REVERSE VOLTAGE	5.0			٧ _٢	I _r =100μA		
AXIAL INTENSITY		10		mcd	I _f = 20mA		
VIEWING ANGLE		110		2x theta			
EMITTED COLOR:	RED						
EPOXY LENS FINISH:	ISH: RED DIFFUSED						

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FÖRWARD CURRENT*	150	mA
STEADY CURRENT	30	m A
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
T		

^{*} t<10µS



*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X,X=±0.5 (±0.020), X,XX=±0.25 (±0.010), X,XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION MAX.= +0.00 (±0.000). MIN= +DE

REV. PART NUMBER
C SSL-LX2573ID

2mm x 5mm RECTANGULAR, 635nm RED LED, RED DIFFUSED LENS.

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RELABILITY 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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