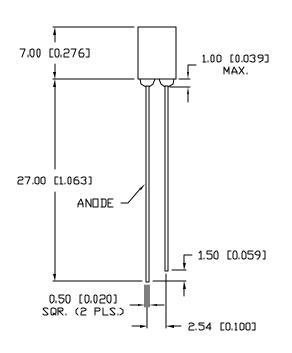
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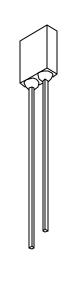
PART NUMBER

REV.

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
Α	E.C.N. #10BRDR, & REDRAWN IN 3D.	6.15.01
В	E.C.N. #11148.	1.7.05

			-	_	5.00	[0.197]
		1				
2.00	[0.079] -					





ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If= 20mA					
PARAMETER	MIN	TYP	MAX	ZTINU	TEST COND
PEAK WAVELENGTH		605		nm	
FORWARD VOLTAGE		2.0	2 . 5	V_{f}	
REVERSE VOLTAGE	5.0			V_{r}	I _r =100μΑ
AXIAL INTENSITY		5		mcd	$I_f = 20 \text{mA}$
VIEWING ANGLE		110		2x theta	
EMITTED COLOR:	AMBER				
EPOXY LENS FINISH:	AMBER	DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD 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<10µS



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*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), X.XX=±0.5 (±0.000), X.XX=±0.5 (±0.000), X.XX=±0.127 (±0.000), X.XX=±0.000, X.XX

PART NUMBER

SSL-LX2573AD

2mm x 5mm RECTANGULAR, 605nm AMBER LED,
AMBER DIFFUSED LENS.

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RELIABLITY 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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