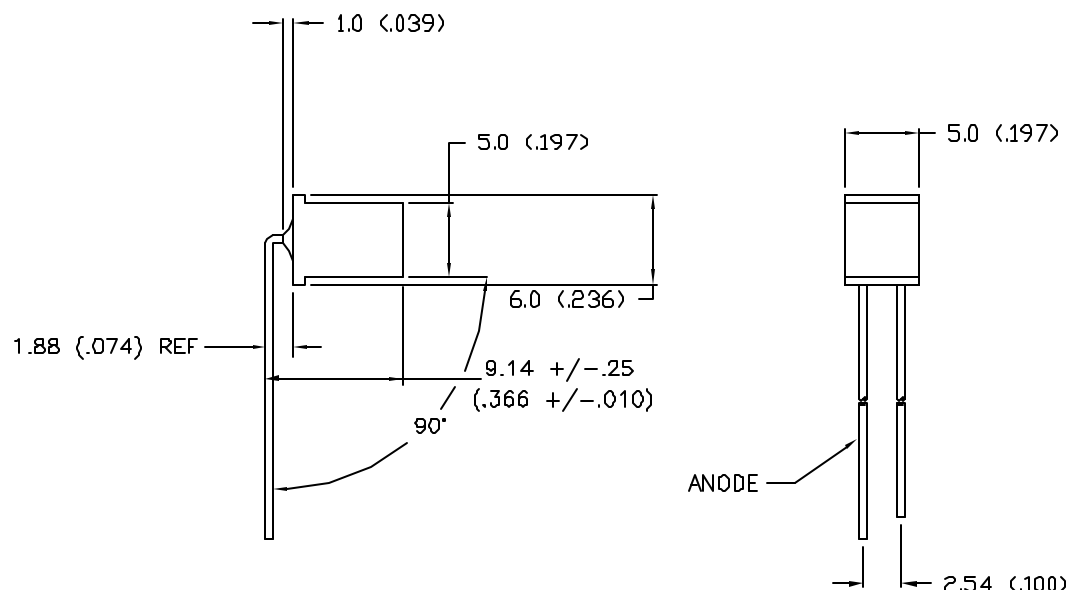


UNCONTROLLED DOCUMENT

PART NUMBER
SSL-LX5573AD-24876REV.
A

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11148.	02.05.07



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$						
PARAMETER	MIN	TYP	MAX	UNITS	TEST	COND
PEAK WAVELENGTH		610 (AMBER)		nm		
FORWARD VOLTAGE		2.1	2.8	V_f		
REVERSE VOLTAGE	5.0			V_r		$I_f=100\mu\text{A}$
AXIAL INTENSITY		5		mcd		$I_f=20\text{mA}$
VIEWING ANGLE		80		$2\times\text{theta}$		
EMITTED COLOR	: AMBER					
EPOXY LENS FINISH:	AMBER TOP DIFFUSED					

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT	35	mA
AVG FORWARD CURRENT	20	mA
POWER DISSIPATION	60	mW
DERATE FROM 25°C	-1.6	mW/ $^\circ\text{C}$
OPERATING/STORAGE TEMP	-55 TO +100	$^\circ\text{C}$
LEAD SOLDERING TEMP.	+230	$^\circ\text{C}$
1.6mm FROM BODY	5 SEC. MAX	

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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*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.038), XX=±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= +DECIMAL PRECISION MAX= +0.00 -DECIMAL PRECISION

REV.
APART NUMBER
SSL-LX5573AD-24876

5 x 5mm SQUARE LED, AMBER, TOP DIFFUSED.

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			SCALE: N/A