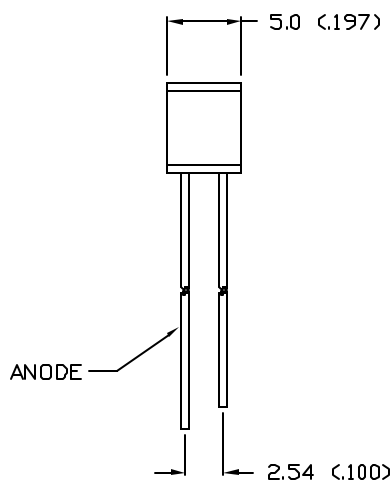
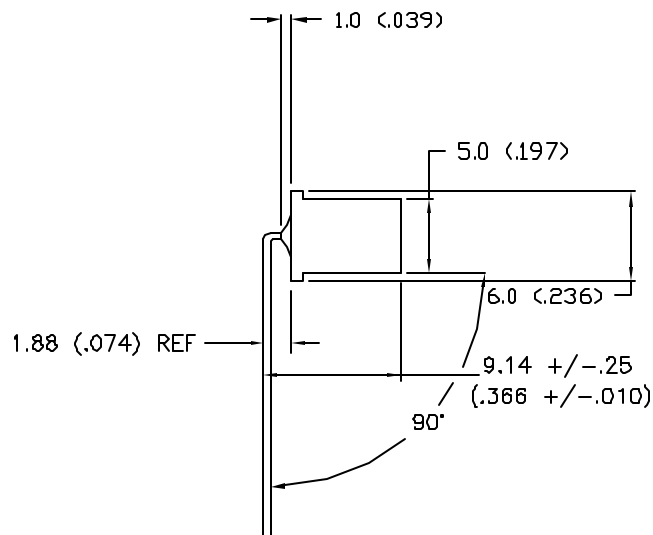


UNCONTROLLED DOCUMENT

PART NUMBER
SSL-LX5573YD-24876REV.
AREV. E.C.N. NUMBER AND REVISION COMMENTS
A E.C.N. #11148.DATE
02.05.07ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585	(YELLOW)	nm	
FORWARD VOLTAGE		2.1	2.8	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		5		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		80		$2\times\theta$	
EMITTED COLOR		YELLOW			
EPOXY LENS FINISH:		YELLOW 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.

A

*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 -0.00 MAX= +0.00 -DECIMAL PRECISION

REV.

A

PART NUMBER

SSL-LX5573YD-24876

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

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RELIABILITY NOTE

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PAGE: 1 OF 1

SCALE: N/A