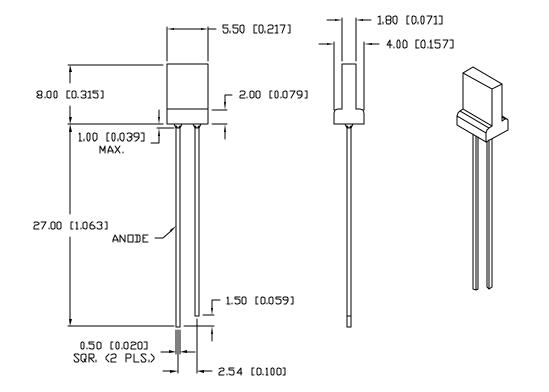
## SSL-LX2583AD



ELECTRO-OPTICAL C	HARACTERI	STICS T <sub>A</sub> =25	ľC	$I_f = 20mA$	
PARAMETER	MIN	TYP	MAX	LINITS	TEST COND
PEAK WAVELENGTH		605		nm	
FORWARD VOLTAGE		2.0	2.5	$V_f$	
REVERSE VOLTAGE	5.0			$V_r$	I <sub>r</sub> =100μΑ
AXIAL INTENSITY		15		mcd	$I_f = 20 \text{mA}$
VIEWING ANGLE		80		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	<i>3</i> 0	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	- 1.2	mW/°C
OPERATING, STORAGE TEMP.	- 40 TO + 85	•ć
SOLDERING TEMP.	+ 260	.c
2.0mm FROM BODY		3 SEC. MAX

<sup>\*</sup> t<10µS

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-LX2583AD

2.5mm x 5mm RECTANGULAR, 605nm AMBER LED. AMBER DIFFUSED LENS.

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 $\begin{array}{c} \underline{\text{Reliablity Note}} \\ \text{Our nany years of experience data accumulation indicate that} \end{array}$ SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.



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1 OF 1 SCALE: N/A

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