



ELECTRO-OPTICAL CHARACTERISTICS  $I_A=25\text{C}$   $I_F=20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585		nm	
FORWARD VOLTAGE		2.1	2.8	$V_F$	$I_F=100\mu\text{A}$
REVERSE VOLTAGE	5.0			$V_R$	$I_F=20\text{mA}$
AXIAL INTENSITY		4		$\text{mcd}$	
VIEWING ANGLE		110		$2\theta$	
EMITTED COLOR:		YELLOW			
EPoxy LENS FINISH:		YELLOW DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	155	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	110	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-55 TO +100	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		
* $t < 10\mu\text{s}$		3 SEC. MAX

NOTES:

1. LED LEADS NOT TO EXTEND BELOW TAPE.

\*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=±0.08 (±0.002), LEAD LENGTH=±0.75 (±0.030), MIN= -0.00

REV.

PART NUMBER

SSL-LX25783YD-TR

2.3mm x 8mm RECTANGULAR LED, YELLOW DIFFUSED,

TAPE AND REEL.

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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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SCALE: N/A

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