



ELECTRO-OPTICAL CHARACTERISTICS I_A=25°C I_F=20mA

PARAMETER	MIN	TP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	585		2.8	nm	
FORWARD VOLTAGE	2.1			V _F	I _F = 100µA
REVERSE VOLTAGE	5.0			V _R	I _F = 20mA
AXIAL INTENSITY		4		cd	
VIEWING ANGLE		110		2x 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 < 10µs		3 SEC. MAX

NOTES:

1. LED LEADS NOT TO EXTEND BELOW TAPE.

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=#1 (+0.030), X±#1 (+0.030), X±#0.3 (+0.020), X±#0.25 (+0.010), XXX#=#0.127 (+0.005), LEAD SIZE=#0.08 (+0.002), LEAD LENGTH=#0.75 (+0.030), MIN#=#0.00

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PART NUMBER

SSL-LX25783YD-TR

2.3mm x 8mm RECTANGULAR LED, YELLOW DIFFUSED,
TAPE AND REEL.

RELIABILITY NOTE
DRAWN BY: CT

CHECKED BY:

APPROVED BY:

DATE: 5.4.01
PAGE: 1 OF 1
SCALE: N/A

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