



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $V_f=5\text{ V}$				
PARAMETER	MIN	TYP	MAX	UNITS TEST COND
PEAK WAVELENGTH		585		nm
FORWARD VOLTAGE		5.0	7.0	V_f
REVERSE VOLTAGE	5.0			V_r $I_r=100\mu\text{A}$
AXIAL INTENSITY		20		mcd $V_f=5\text{ V}$
VIEWING ANGLE		60		2x theta
EMITTED COLOR:	YELLOW			
EPOXY LENS FINISH:	YELLOW DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE	7	V
STEADY CURRENT	12	mA
POWER DISSIPATION	310	mW
DERATE FROM 25°C	-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY		3 SEC. MAX

NOTES:

- SSI-LX509F3YD-5V, YELLOW LED.
- SSH-LXH9 BLACK RUBBER HOUSING.

*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=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN=+DECIMAL PRECISION MAX=+0.00 -0.00 -DECIMAL PRECISION

REV.

PART NUMBER

SSI-LXH9YD-5V

T-5mm 585nm YELLOW LED PANEL INDICATOR,
YELLOW DIFFUSED LENS, 5 VOLT OPERATION.

CONFIDENTIAL INFORMATION

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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