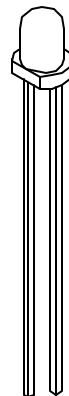
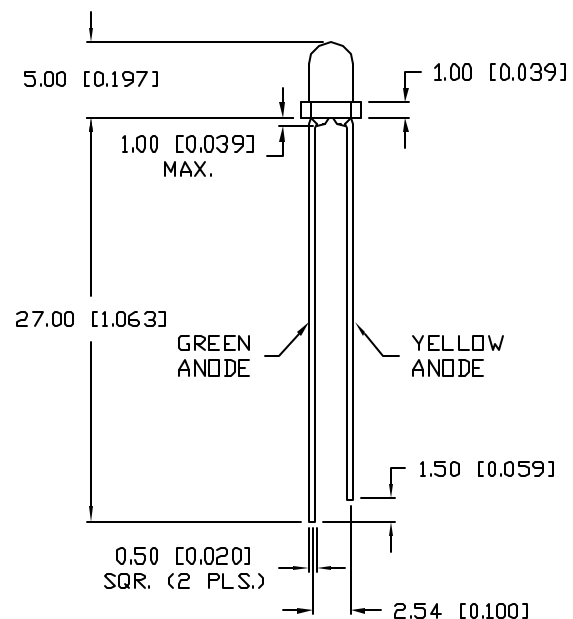


PART NUMBER
SSL-LX305C4GYW

$\varnothing 4.00$ [$\varnothing 0.157$] $\varnothing 3.00$ [$\varnothing 0.118$]



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$			$I_f=20\text{mA}$		
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565 (GREEN)		nm	
		585 (YELLOW)		nm	
FORWARD VOLTAGE (G/Y)		2.2/2.1	2.6/2.5	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY (G/Y)		20/30		med	$I_f=20\text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	GREEN/YELLOW				
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C			
PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(G/Y)	25/30	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.6	mW/°C
OPERATING, STORAGE TEMP.		-40 TO +85	°C
SOLDERING TEMP.		+260	°C
2.0mm FROM BODY			3 SEC. MAX

* $t < 10 \mu s$

*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
-0.00 MAX.=+0.00
-DECIMAL PRECISION

PART NUMBER
SSL-LX305C4GYW

T-3mm (T-1) 565nm GREEN/585nm YELLOW LED,
MILKY WHITE DIFFUSED LENS.

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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