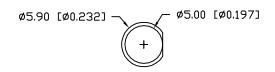
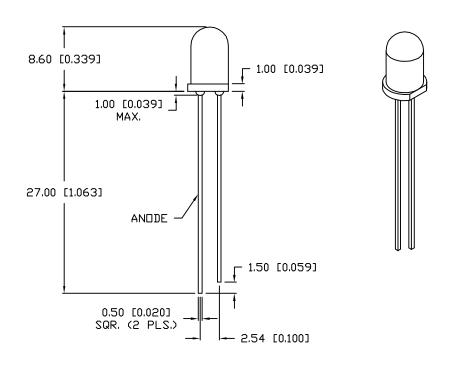
## SSL-LX5093UPGT/C





ELECTRO-OPTICAL CH	HARACTERI	STICS TA=25°C		$I_f = 20 \text{mA}$	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		525		nm	
FORWARD VOLTAGE		4.0	4.5	$V_{f}$	
REVERSE VOLTAGE	5.0			$v_r$	I <sub>r</sub> =100µA
AXIAL INTENSITY		4500		mcd	$I_f = 20 \text{mA}$
VIEWING ANGLE		20		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN	TRANSPARENT			

## LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	120	mW
DERATE FROM 25°C	-1.67	mW/°C
OPERATING, STORAGE TEMP.	$-40\ T0\ +85$	•C
SOLDERING TEMP.	+ 260	*C
2.0mm FROM BODY		3 SEC. MAX
* +<10C		

\* t<10µS

CAUTION: STATIC SENSITIVE DEVICE FOLLOW PROPER E.S.D. HANDLING PROCEDURES WHEN WORKING WITH THIS PART.



REV.

PART NUMBER SSL-LX5093UPGT/C

T-5mm (T-1 3/4) 525nm ULTRA PURE GREEN LED, GREEN TRANSPARENT LENS.

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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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