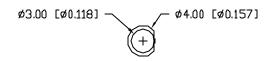
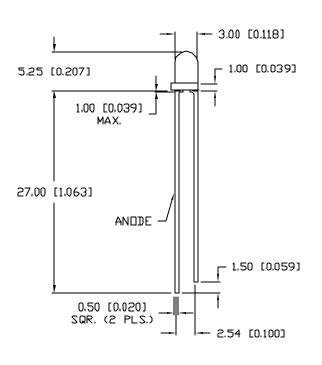
SSL-LX30540C







ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=20mA					
PARAMETER	MIN	ΤΥP	MAX	UNITS	TEST COND
PEAK WAVELENCTH		630		nm	
FORWARD VOLTAGE		2.1	2.5	V_{f}	
REVERSE VOLTAGE	5.0			V_r	Ir=100μA
AXIAL INTENSITY		50		mcd	$I_f = 20mA$
VIEWING ANGLE		30		2x theta	
EMITTED COLOR:	ORANGE				
EPOXY LENS FINISH	: WATER CL	WATER CLEAR			

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	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<10µS

UNCONTROLLED DOCUMENT

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECINAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.006). LEAU SIZE=±0.05 (±0.002), LEAU LENGTH=±0.75 (±0.030). MIN= +0.00 | MI

PART NUMBER
SSL-LX30540C

T-3mm (T-1) 630nm ORANGE LED, WATER CLEAR LENS.

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RELIABLITY 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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