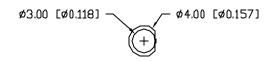
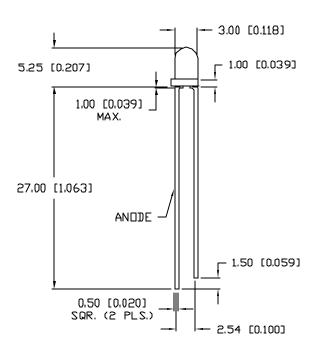
SSL-LX3054SIC







ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=20mA					
PARAMETER	MIN	ΤΥP	MAX	UNITS	TEST COND
PEAK WAVELENCTH		63B		nm	_
FORWARD VOLTAGE		2.0	2.5	v_f	
REVERSE VOLTAGE	5.0			٧r	I _r =100μA
AXIAL INTENSITY		1800		mcd	$I_f = 20mA$
VIEWING ANGLE		30		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	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), XX=±0.5 (±0.020), XXX=±0.25 (±0.0010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECINAL PRECISION MAX.= +0.00 (±0.002), XXX=±0.127 (±0.005).

REV.

PART NUMBER SSL-LX3054SIC

T-3mm (T-1) 636nm SUPER HIGH INTENSITY LED, WATER CLEAR LENS.

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 $\begin{array}{c} \underline{\text{Reliablity Note}} \\ \text{Our nany years of experience data accumulation indicate that} \end{array}$ SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.



BC

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