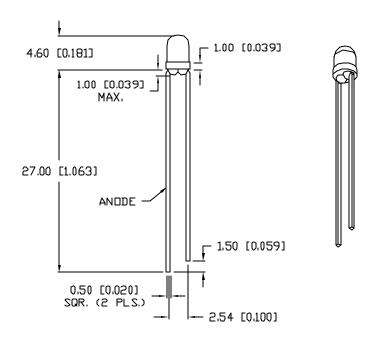
SSL-LX3044SUGC





ELECTRO—OPTICAL CHARACTERISTICS TA=25°C If=20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		574		nm	
FORWARD VOLTAGE		2.2	2.6	$V_{\mathbf{f}}$	
reverse voltage	5.0			V_{r}	I _r =100μΑ
AXIAL INTENSITY		1000		mcd	$I_f = 20 \text{mA}$
VIEWING ANGLE		30		2x theta	
EMITTED COLOR;	GREEN				
EPOXY LENS FINISH:	WATER	CLEAR			
•		•			

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mΑ
STEADY CURRENT	25	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	– 1.Б	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 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECINAL PRECISION MAX.= +0.00 MAX

REV.

PART NUMBER
SSL-LX3044SUGC

T-3mm (T-1) 574nm SUPER PURE GREEN LED, WATER CLEAR 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.



BC

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