PART NUMBER	REV.
SSL-LX5063SRC/E	A

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11148	10.31.06

Ø5.00 [Ø0.197]   Ø5.90 [Ø0.232]

6.00 [0.236]

1.50 [0.059]

1.00 [0.039] MAX.

27.00 [1.063]

ANODE

1.60 [0.063]

0.50 [0.020] SQR. (2 PLS.)

2.54 [0.100]

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25°C$ $I_f=20mA$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		1.7	2.2	V_f	
REVERSE VOLTAGE	4.0			V_r	$I_r=100\mu A$
AXIAL INTENSITY		3500		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	100	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

* $t<10\mu S$

Pb   [A]

*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

REV.	PART NUMBER
A	SSL-LX5063SRC/E

T-5mm (T-1 3/4) 660nm SUPER RED LED,
WATER CLEAR LENS.

LUMEX

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JC			PAGE: 1 OF 1
			SCALE: N/A

Mouser Electronics

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