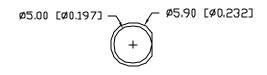
## UNCONTROLLED DOCUMENT

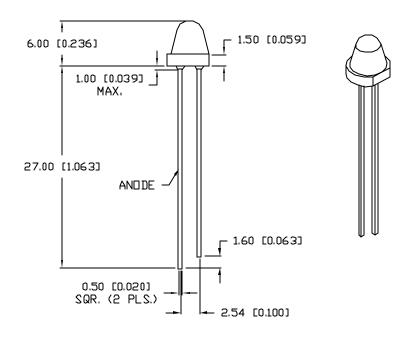
PART NUMBER
SSL-LX5063SUGD

DATE

REV.

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





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	$V_{f}$			
reverse voltage	5.0			٧r	Ir=100µA		
AXIAL INTENSITY		250		med	$I_f = 20 \text{mA}$		
VIEWING ANGLE		30		2x theta			
EMITTED COLOR:	GREEN						
EPOXY LENS FINISH:	GREEN	DIFFUSED					

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	- 1.2	mW/°C
OPERATING, STORAGE TEMP.	- 40 TO + 85	<b>'</b> C
SOLDERING TEMP.	+ 260	<b>'</b> C
2.0mm FROM BODY		3 SEC. MAX

\* t<10µS



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\*UNILESS 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= +0.000 | PRECISION | MAX. = +0.000 | PRECISION | PRECISION | MAX. = +0.000 | PRECISION |

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T-5mm (T-1 3/4) 574nm SUPER ULTRA GREEN LED, GREEN DIFFUSED LENS.

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RELABILITY 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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PAGE: 1 OF 1
JC SCALE: N/A

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