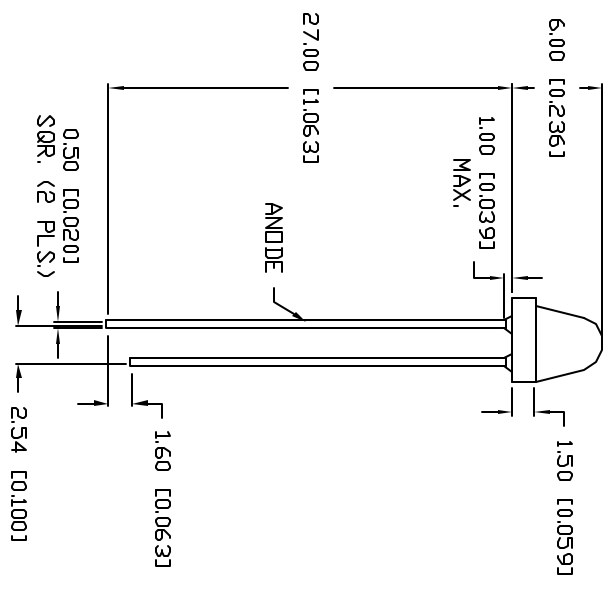
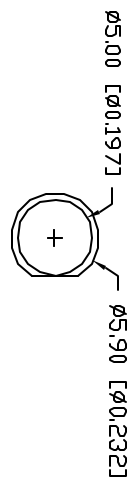


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PART NUMBER  
SSL-LX5063GC

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	UPDATED SPECS.	11.20.95
B	E.C.N. #10BRDR. & REDRAWN IN 3D.	4.19.01



ELECTRO-OPTICAL CHARACTERISTICS I<sub>A</sub>=25°C      I<sub>F</sub>=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565	2.6	nm	
FORWARD VOLTAGE		2.2		V <sub>F</sub>	I <sub>F</sub> =100µA
REVERSE VOLTAGE	5.0			V <sub>R</sub>	I <sub>F</sub> =20mA
AXIAL INTENSITY		100		med	
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	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
OPERATE 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<10µs		

\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=#1 (+0.03), X1=#0.5 (+0.02), XX1=#1.25 (+0.01), XXX=#0.127 (+0.005), LEAD SIZE=#0.08 (+0.002), LEAD LENGTH=#0.75 (+0.030), MIN=-0.00

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SSL-LX5063GC

T=5mm (T=1 3/4) 565nm 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.



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