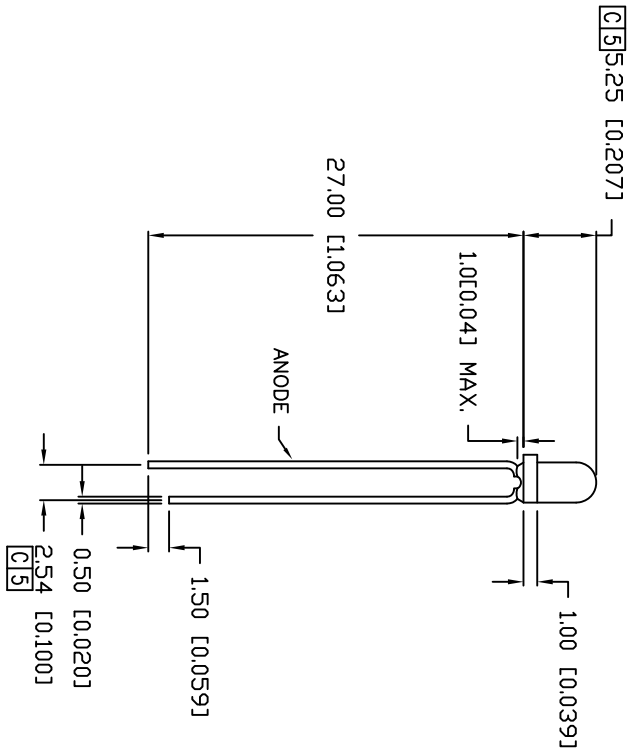
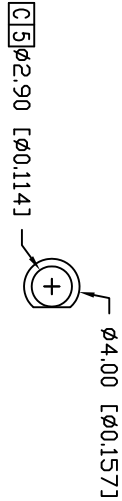


PART NUMBER			REV.
SLX-LX3054GD			A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE	
A	E.C.N. #11148.	5.11.07	

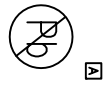


NOTE
1. LED LEADS SILVER.

ELECTRO-OPTICAL CHARACTERISTICS T _A = 25°C I _F = 20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565 (GREEN)		nm	
FORWARD VOLTAGE		2.1	2.8	V _F	I _F = 100 uA
REVERSE VOLTAGE	5.0			V _R	I _F = 20mA
AXIAL INTENSITY		25		mcad	
VIEWING ANGLE		60		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	-1.6	mW/°C	
OPERATING, STORAGE TEMP	-40 TO +85	°C	
LEAD SOLDERING TEMP	+260	°C	
2.0mm FROM BODY	3 SEC. MAX		

* t < 10uS



*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= -0.00, DECIMAL PRECISION MAX.= +0.00

REV.
A

PART NUMBER
SLX-LX3054GD

T-3 (T-1) LED, GREEN DIFFUSED.

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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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