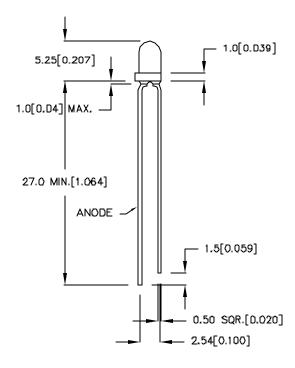
DRAWING NUMBER SLX-LX3054GD REV

DATE REVISIONS REV

Ø4.00[ØD.157] ø2.9[ø0.114]



NOTE 1. LED LEADS SILVER.

ELECTRO-OPTICAL CHARACTERISTICS TA = 25°C If = 20mA

| PARAMETER | MIN | TYP | MAX | UNITS | TEST COND |
|---|-----------------------|--|-----|-----------------------------------|---|
| PEAK WAVELENGTH FORWARD VOLTAGE REVERSE VOLTAGE AXIAL INTENSITY VIEWING ANGLE EMITTED COLOR EPOXY LENS FINISH | 5.0 GREEN GREEN | 565 (GREEN) 2.1 25 60 DIFFUSED | 2.8 | nm Vf Vr mod 2x theta | I _r = 100 uA I _f = 20 mA |

LIMITS OF SAFE OPERATION AT 25°C

| PARAMETER | MAX | UNITS |
|---|--|---|
| PEAK FORWARD CURRENT* STEADY CURRENT POWER DISSIPATION DERATE FROM 25°C OPERATING, STORAGE TEMP LEAD SOLDERING TEMP 2.0mm FROM BODY | 150 25 105 -1.6 -40 TO +85 +260 | mA mA mW mW/~C ~C ~C 3 SEC. MAX |

^{*} t<10uS

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.



290 E. HELLEN ROAD PALATINE, ILLINOIS 60067 (B47) 359-2790

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DWN: CHK'D: APPD: DATE: 11-21-96 SCALE: N/A

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

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