**UNCONTROLLED DOCUMENT**

**SML-LX0603GW-TR**

**PART NUMBER**

**REV. B**

**E.C.N. NUMBER AND REVISION COMMENTS**

**DATE**

A E.C.N. #1036RD & REDRAWN 9.30.98

B E.C.N. #10644 7.18.00

**ELECTRO-OPTICAL CHARACTERISTICS TA=25°C I=20mA**

**PARAMETER** | **MIN** | **TYP** | **MAX** | **UNITS** | **TEST COND**
--- | --- | --- | --- | --- | ---
Peak Wavelength | 565 | nm | | | |
Forward Voltage | 2.2 | 2.6 | Vf | | |
Reverse Voltage | 5.0 | | | Vf | I=r=100mA |
Axial Intensity | 18 | mcd | | | I=20mA |
Viewing Angle | 160 | 2x theta | | | |
Emitted Color | GREEN | | | | |
Epoxy Lens Finish | MILKY WHITE DIFFUSED | | | | |

**LIMITS OF SAFE OPERATION AT 25°C**

**PARAMETER** | **MAX** | **UNITS**
--- | --- | ---
Peak Forward Current | 100 | mA |
Steady Current | 25 | mA |
Power Dissipation | 50 | mW |
Dermate From 25°C | -1.2 | mW/°C |
Operating Temp | -25 to +85 | °C |
Storage Temp | -30 to +85 | °C |

**NOTES:**

1. 4,000 PIECES PER REEL
2. THE CATHODE IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.

**CAUTION: MOISTURE SENSITIVE DEVICE**

1. SHELF LIFE IN SEALED BAG:
   12 MONTHS AT <40°C AND <90% RELATIVE HUMIDITY (RH)
2. AFTER THIS BAG IS OPENED, DEVICES HAVE TO BE MOUNTED WITHIN 48 HOURS OF STORED AT <30% RH.

**CONFIDENTIAL INFORMATION**

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**

**SCALE: N/A**

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**ELECTRICAL SPECIFICATIONS**

1.6mm x 0.8mm PCB CHIP, SURFACE MOUNT LED.
565nm GREEN LED, MILKY WHITE DIFFUSED LENS.