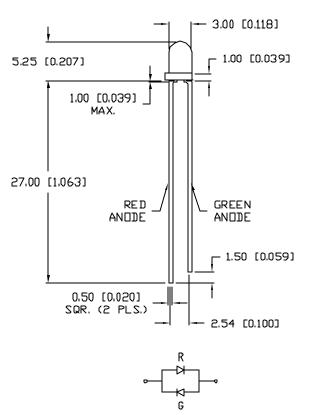
SSL-LX3054SRSGW







| ELECTRO-OPTICAL CHARACT | TERISTICS | TA=25°C | lf=20 | mA | | |
|--------------------------------|-------------|---------|---------|----------|-----------|--|
| PARAMETER | MIN | TYP | MAX | UNITS | TEST COND | |
| PEAK WAVELENGTH | 660 (RED) | | | nm | | |
| | 565 (GREEN) | | | nm | | |
| FORWARD VOLTAGE (R/G) | | 1.7/2.2 | 2.2/2.6 | ۷f | | |
| reverse voltage (r/g) | 4.0/5.0 | | | ٧r | Ir=100µA | |
| AXIAL INTENSITY (R/G) | | 60/3D | | mcd | If = 20mA | |
| VIEWING ANGLE | | 60 | | 2x theta | | |
| EMITTED COLOR: RED/GREEN | | | | | | |
| EPOXY LENS FINISH: MILKY WHITE | | | | | | |

LIMITS OF SAFE OPERATION AT 25°C.

| Elimita bi bite bi elittilati /ii 200 | | | | | | |
|---------------------------------------|--------|------------|------------|--|--|--|
| PARAMETER | COLORS | MAX | UNITS | | | |
| PEAK FORWARD CURRENT* | | 150 | mA | | | |
| STEADY CURRENT | (R/G) | 30/25 | mΑ | | | |
| POWER DISSIPATION | (R/G) | 100/105 | mW | | | |
| DERATE FROM 25°C | | -1.6 | mW/°C | | | |
| OPERATING, STORAGE TEMP. | | -40 TO +85 | Ċ | | | |
| SOLDERING TEMP. | | + 260 | C | | | |
| 2.0mm FROM BODY | | | 3 SEC. MAX | | | |
| | | | | | | |

^{*} t<10µS

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PART NUMBER
SSL-LX3054SRSGW

T-3mm 660nm SUPER RED/565nm SUPER GREEN LED,
MILKY WHITE 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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