



| ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=20\text{mA}$ | | | | | | |
|--|----------------------|-----|-----|-----|----------|----------------------|
| PARAMETER | COLOR | MIN | TYP | MAX | UNITS | TEST COND |
| PEAK WAVELENGTH | | | 635 | | nm | |
| | | | 565 | | nm | |
| FORWARD VOLTAGE | (R/G) | | 2.1 | 2.8 | V_f | |
| REVERSE VOLTAGE | | 5.0 | | | V_r | $I_r=100\mu\text{A}$ |
| AXIAL INTENSITY | (R/G) | | 20 | | mcd | $I_f=20\text{mA}$ |
| VIEWING ANGLE | | | 60 | | 2x theta | |
| EMITTED COLOR: | RED/GREEN | | | | | |
| EPOXY LENS FINISH: | MILKY WHITE DIFFUSED | | | | | |

| LIMITS OF SAFE OPERATION AT 25°C | | |
|----------------------------------|------------|----------|
| PARAMETER | MAX | UNITS |
| PEAK FORWARD CURRENT* (R/G) | 160 | mA |
| STEADY CURRENT (R/G) | 30/25 | mA |
| POWER DISSIPATION (R/G) | 100 | mW |
| DERATE 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 |

* $t < 10\mu\text{s}$

*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= +DECIMAL PRECISION -0.00, MAX= +0.00 -DECIMAL PRECISION UNCONTROLLED DOCUMENT



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T-5 (T-1 3/4) LED, BICOLOR RED/GREEN, MILKY WHITE DIFFUSED, .05" LEAD CENTERS, COMMON CATHODE

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| DATE: | 04.28.96 | DRAWN BY: | JH |
| PAGE: | 1 OF 1 | CHKD BY: | KF |
| SCALE: | N/A | APRVD BY: | SS |
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