



| ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$ | | | | |
|--------------------------------------------------------------------------|---------------------|-------|----------|----------------------|
| PARAMETER | YELLOW | GREEN | UNITS | TEST COND |
| PEAK WAVELENGTH | 585 | 565 | nm | |
| FORWARD VOLTAGE (TYP) | 2.1 | 2.2 | V_f | |
| FORWARD VOLTAGE (MAX) | 2.5 | 2.6 | V_f | |
| REVERSE VOLTAGE | 5.0 | 5.0 | V_r | $I_f=100\mu\text{A}$ |
| AXIAL INTENSITY | 30 | 20 | mcd | $I_f=20\text{mA}$ |
| VIEWING ANGLE | 60 | 60 | 2x theta | |
| LED POSITION: | 1,2 | 3,4 | | |
| EPOXY LENS FINISH: | COLOR DIFFUSED LENS | | | |

| LIMITS OF SAFE OPERATION AT 25°C PER CHIP | | | |
|-------------------------------------------|--------|------------|------------|
| PARAMETER | COLORS | MAX | UNITS |
| PEAK FORWARD CURRENT* | | 150 | mA |
| STEADY CURRENT | (Y/G) | 25/30 | mA |
| POWER DISSIPATION | | 105 | mW |
| DERATE FROM 25°C | | -1.2 | mW/°C |
| OPERATING TEMP. | | -40 TO +85 | °C |
| 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.= $^{+0.000}_{-0.000}$ DECIMAL PRECISION MAX.= $^{+0.000}_{-0.000}$ DECIMAL PRECISION



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T-3mm (T-1) 4 UNIT FAULT INDICATOR, 1~2: 585nm YELLOW, 3~4: 565nm GREEN, COLOR DIFFUSED LENS.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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| DATE: | 02.14.11 | DRAWN BY: | AB |
| PAGE: | 1 OF 1 | CHKD BY: | KF |
| SCALE: | NTS | APRVD BY: | BC |
| UNIT: | mm [INCH] | | (Pb) |