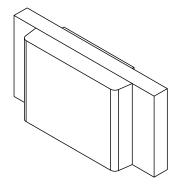
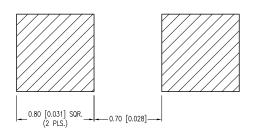


Creating LED and LCD Solutions Together™



RECOMMENDED SOLDER PAD LAYOUT



| ELECTRO-OPTICAL | CHARACTERISTICS Ta: | =25°C If=5mA | | | |
|-----------------|---------------------|--------------|------|----------|-----------|
| PARAMETER | MIN | TYP | MAX | UNITS | TEST COND |
| PEAK WAVELENGTH | | 522 | | nm | |
| FORWARD VOLTAGE | | 2.8 | 3.15 | Vf | |
| REVERSE VOLTAGE | 5.0 | | | Vr | Ir=100µA |
| AXIAL INTENSITY | | 180 | | mcd | If=5mA |
| VIEWING ANGLE | | 160 | | 2x theta | |
| EMITTED COLOR: | GREEN | | | | |
| LENS FINISH: | WHITE DIFFLISED | | | | |

| PARAMETER | MAX | UNITS |
|-----------------------|------------|-------|
| PEAK FORWARD CURRENT* | 100 | mA |
| STEADY CURRENT | 20 | mA |
| POWER DISSIPATION | 117 | mW |
| DERATE FROM 25°C | -1.2 | mW/°C |
| OPERATING TEMP. | -30 TO +80 | •C |
| STORAGE TEMP. | -40 TO +85 | *C |

CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 3 STANDARDS

*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 MAX. = ±0.00 UNCONTROLLED DOCUMENT

#UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.5 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= ±DECIMAL PRECISION MAX. = ±0.00 UNCONTROLLED DOCUMENT

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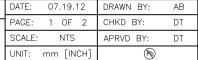
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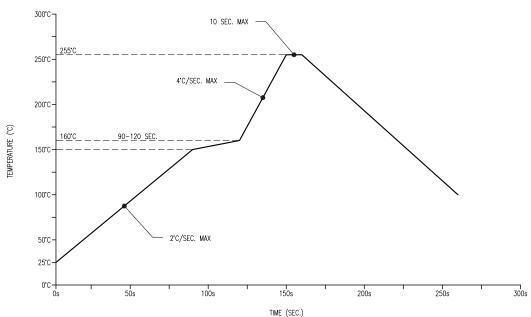
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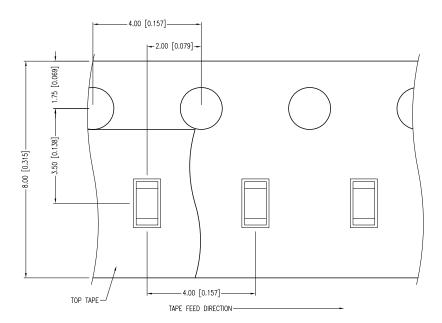
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TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.



NOTES:

1. POLARITY MARK IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.

Creating LED and LCD Solutions Together"

425 N. GARY AVE. CAROL STREAM, IL 60188-4900 PHONE: +1.800.278.5666 FAX: +1.630.315.2152 WEB: WWW.LUMEX.COM

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QUASARBRITE 0.8x0.4mm PCB SMT LED, 525nm ULTRA PURE GREEN, WHITE DIFFUSED, TAPE & REEL.

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