

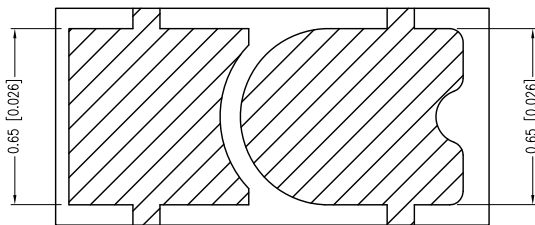
| ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=5mA | | | | | |
|--|-------------|-----|-----|----------|-----------|
| PARAMETER | MIN | TYP | MAX | UNITS | TEST COND |
| PEAK WAVELENGTH | | 470 | | nm | |
| FORWARD VOLTAGE | 2.7 | 3.0 | 3.2 | Vf | |
| REVERSE VOLTAGE | 5.0 | | | Vr | Ir=50µA |
| AXIAL INTENSITY | 30 | | 70 | mcd | If=5mA |
| VIEWING ANGLE | | 130 | | 2x theta | |
| EMITTED COLOR: | BLUE | | | | |
| LENS FINISH: | WATER CLEAR | | | | |

| LIMITS OF SAFE OPERATION AT 25°C | | |
|----------------------------------|------------|-------|
| PARAMETER | MAX | UNITS |
| PEAK FORWARD CURRENT* | 100 | mA |
| STEADY CURRENT | 25 | mA |
| POWER DISSIPATION | 95 | mW |
| DERATE FROM 25°C | -1.2 | mW/°C |
| OPERATING TEMP. | -40 TO +85 | °C |
| STORAGE TEMP. | -40 TO +90 | °C |

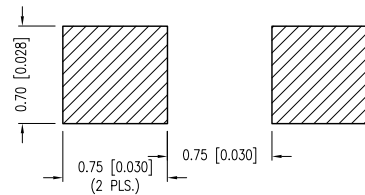
* t<10µs

CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.

CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 2 STANDARDS



RECOMMENDED SOLDER PAD LAYOUT



*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 -DECIMAL PRECISION



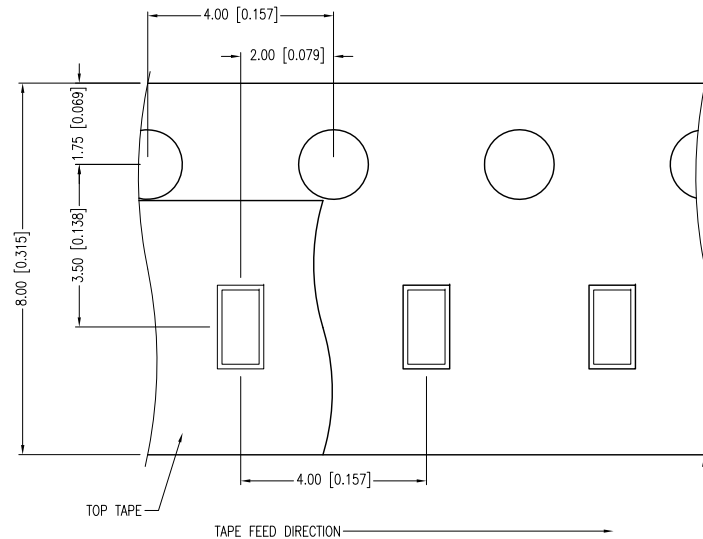
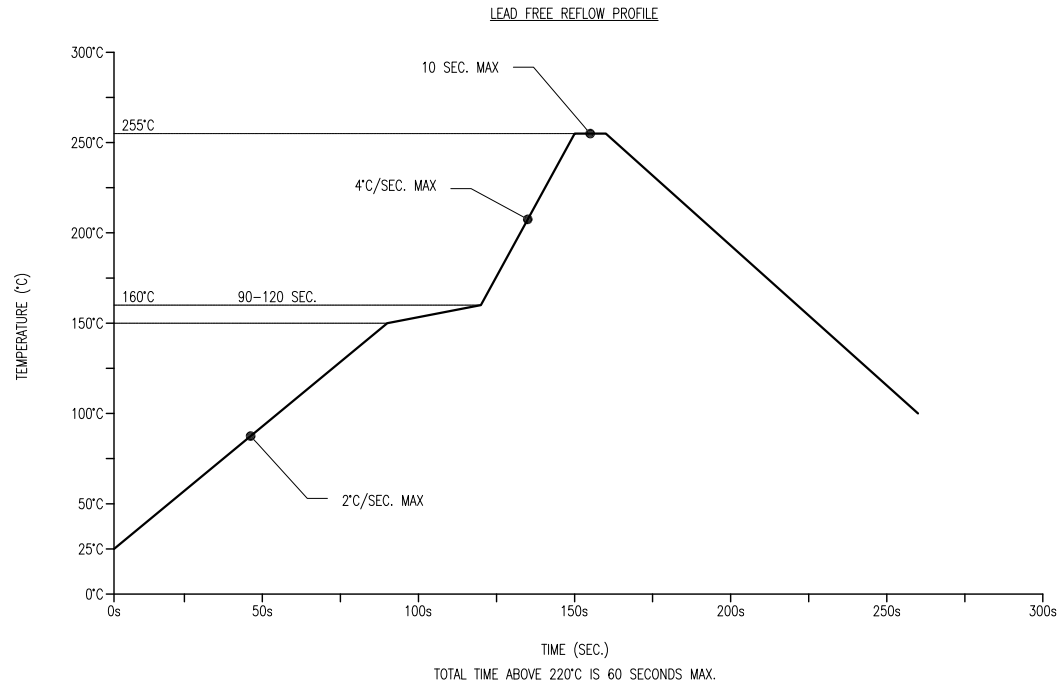
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1.6x0.8x0.2mm ULTRA THIN SMT LED, BLUE, WATER CLEAR LENS.

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

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| PAGE: | 1 OF 2 | CHKD BY: | DT |
| SCALE: | NTS | APRVD BY: | DT |
| UNIT: | mm [INCH] | | Ⓟ |



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UNCONTROLLED DOCUMENT



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