

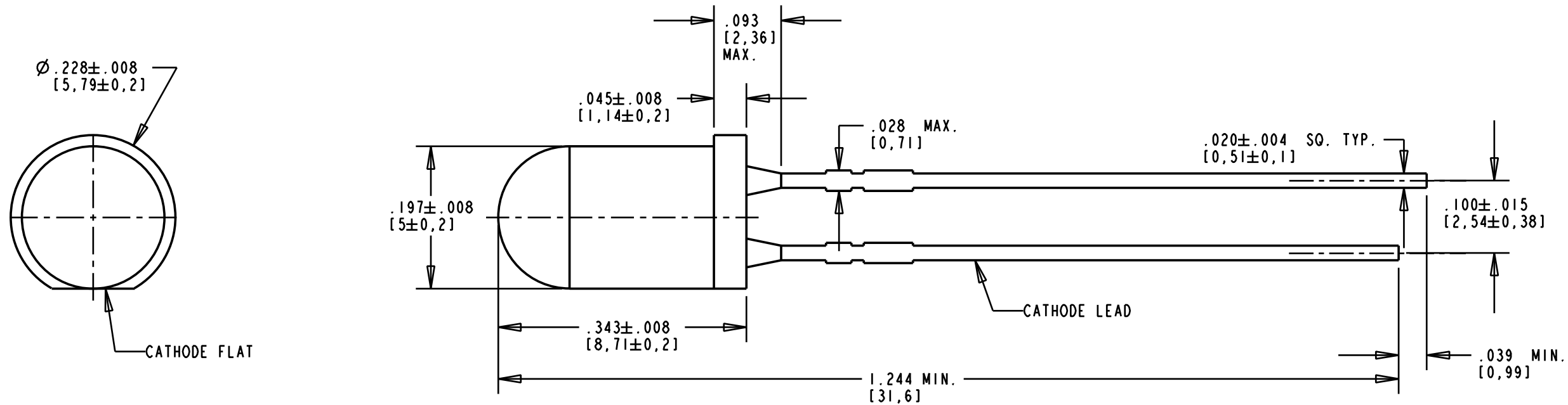
| OPERATING CHARACTERISTICS AT T _a = 25°C | | | | | |
|--|------|------|------|-------|------------------------|
| LED CHARACTERISTICS | MIN. | TYP. | MAX. | UNITS | TEST CONDITIONS |
| LUMINOUS INTENSITY | 520 | | 1500 | mcd | I _F = 20 mA |
| PEAK WAVELENGTH | | 470 | | nm | I _F = 20 mA |
| DOMINANT WAVELENGTH | | 472 | | nm | I _F = 20 mA |
| VIEWING ANGLE (2 Θ 1/2) | | 30 | | deg. | |
| FORWARD VOLTAGE | | 3.8 | 4.0 | V | I _F = 20 mA |

| REV. | ECN NO. | REVISIONS | DRN. | CKD. | APP. | DATE |
|------|---------|-------------|------|------|------|------|
| A | | NEW RELEASE | JAV | | | |

| ABSOLUTE MAXIMUM RATINGS AT T _a = 25°C | | |
|---|-----------------|-------|
| PARAMETER | VALUE | UNITS |
| DC FORWARD CURRENT | 30 | mA |
| PEAK FORWARD CURRENT | 100 | mA |
| POWER DISSIPATION | 120 | mW |
| REVERSE VOLTAGE (I _R = 100μA) | 5 | V |
| OPERATING TEMPERATURE RANGE | -40 to +80 | °C |
| STORAGE TEMPERATURE RANGE | -40 to +100 | °C |
| DIP-DRAG SOLDER TEMPERATURE | 260 FOR 5 SECS. | °C |

NOTES:

- LENS COLOR: BLUE.
- LEADS: SOLDER DIP MILD STEEL.
- LEAD SPACING MEASURED NEAR EPOXY PACKAGE.
- SOLDER ADHERANCE: BOTH LEADS PER MIL. STD. 202E, METHOD 208C.
- ATTENTION: OBSERVE PRECAUTIONS FOR HANDLING ELECTROSTATIC SENSITIVE DEVICES. FOR EYE SAFETY DO NOT STARE DIRECTLY INTO THE LIGHT BEAM OF THESE LED DEVICES AT CLOSE RANGE.
- DIALIGHT PART NUMBER: 521-9946



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| SCALE 6:1 | DRAWING NUMBER | REV |
|---|--|------------------------|
| ALL DIM'S IN: INCHES (MM) | C-17091 | A |
| TOLERANCES: UNLESS OTHERWISE SPECIFIED | TITLE Ø 5.0 mm BLUE LED | |
| FRACTIONS: ±1/64 | MATERIAL | |
| DECIMALS (.XX): ±.01 | Dialight | |
| DECIMALS (.XXX): ±.008 | 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727 | |
| ANGLES: ±1° | FSCM 83330 | SHEET OF FAMILY TABLE: |
| FINISH: | | |