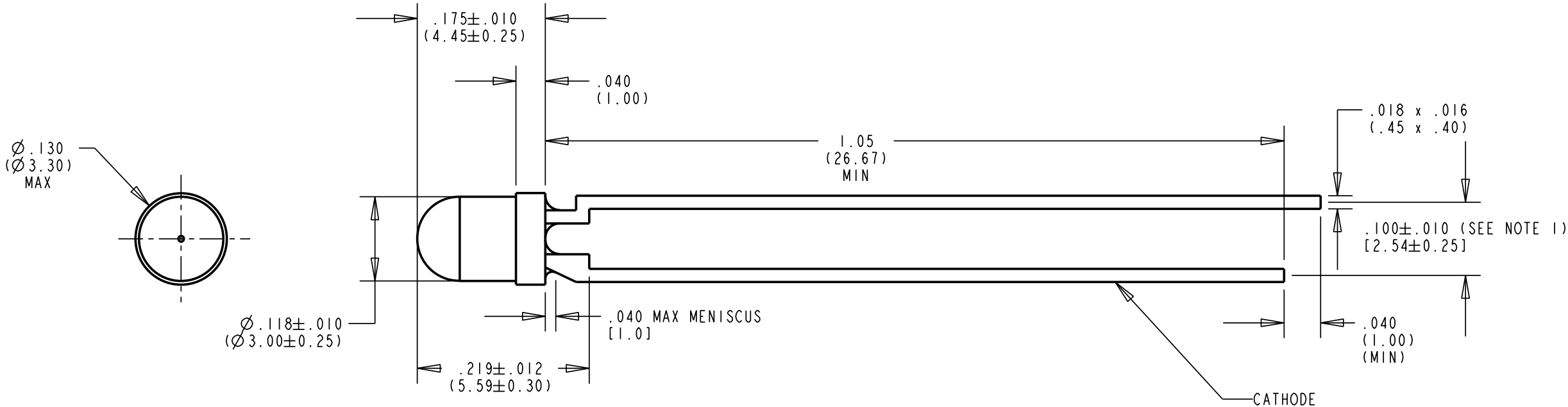


| LED COLOR = YELLOW DIFFUSED | | | | | |
|-------------------------------------------|-----|-----|-----|--------|------------------------|
| OPERATING CHARACTERISTICS AT 25°C AMBIENT | | | | | |
| CHARACTERISTICS | MIN | TYP | MAX | UNITS | TEST CONDITIONS |
| LUMINOUS INTENSITY | 7.4 | 10 | | mc d | I _F = 10 mA |
| FORWARD VOLTAGE | | 2.1 | 2.8 | V | I _F = 20 mA |
| REVERSE CURRENT | | 100 | | μA | V _R = 5V |
| PEAK WAVELENGTH | | 585 | | nm | |
| VIEWING ANGLE | | 60 | | Degree | |

| REV | ECN NO | REVISIONS | DRN | CKD | APP | DATE |
|-----|--------|-------------|-----|-----|-----|------|
| A | — | NEW RELEASE | SM | | | |

NOTES:

1. LEAD SPACING MEASURED NEAR EPOXY PACKAGE.
2. LEAD FINISH: TIN (Sn) OVER NICKEL (Ni)
3. DIALIGHT PART NO. 521-9211F



RoHS Compliant 521-9211F Thru hole Single Color LED

Part Numbers with the "F" suffix ending are RoHS Compliant.
Example: 521-9211F
The bag packaging is marked with "RoHS Compliant" label or equivalent markings.
Parts can be wave soldered, dip soldered or hand soldered using typical lead-free soldering process with max 260°C temp. for 5 sec.

| ABSOLUTE MAXIMUM RATING AT 25°C AMBIENT | | UNITS | YELLOW DIFF. |
|---------------------------------------------------------------------------|--|-------|--------------|
| POWER DISSIPATION | | mW | 60 |
| CONTINUOUS FORWARD CURRENT | | mA | 20 |
| DERATE LINEARLY FROM 50°C | | mA/°C | 0.25 |
| PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH) | | mA | 80 |
| LEAD SOLDERING TEMPERATURE, (.063)/(1.60) FOR 5 SEC., FROM BODY FOR 5 SEC | | °C | 260 |
| OPERATING TEMPERATURE | | °C | -55 TO +100 |
| STORAGE TEMPERATURE | | °C | -55 TO +100 |

| | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|----------|
| THIS DRAWING AND THE CONTENTS HEREIN ARE CONFIDENTIAL AND THE SOLE PROPERTY OF DIALIGHT. REPRODUCTION OF THIS DRAWING OR CONSTRUCTION OF ANY PARTS WITHIN THIS DRAWING ARE FORBIDDEN WITHOUT THE WRITTEN CONSENT OF DIALIGHT. | | |
| SCALE: 6.000 ALL DIM'S IN: INCHES (MM) | DRAWING NUMBER C-17467 | REV A |
| TOLERANCES: UNLESS OTHERWISE SPECIFIED FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005 DECIMALS (.XXXX): ±.0005 ANGLES: ±1° | TITLE 3 mm LED YELLOW DIFFUSED RoHS COMPLIANT | |
| FINISH: | MATERIAL | |
| FSCM 83330 | Dialight 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727 | |
| SHEET 1 OF 1 FAMILY TABLE: | | |