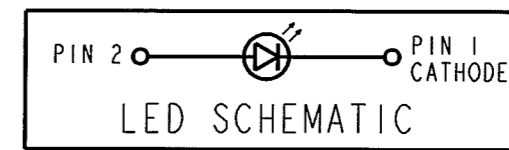
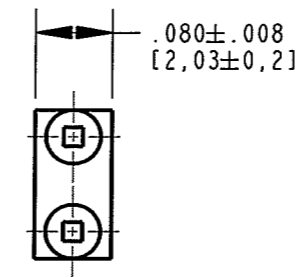
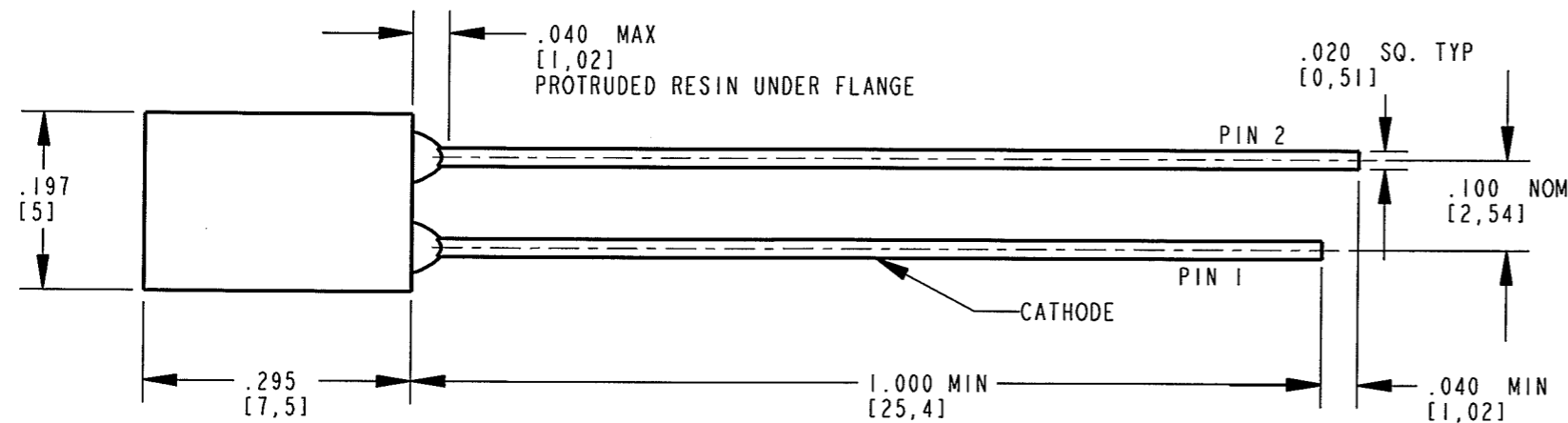


| DIALIGHT PART NUMBER | LENS COLOR |
|----------------------|------------------------|
| 521-9332F | GREEN TINTED DIFFUSED |
| 521-9452F | YELLOW TINTED DIFFUSED |

| REV | ECN NO | REVISIONS | DRN | CKD | APP | DATE |
|-----|--------|-------------|-----|--------|-----|---------|
| A | | NEW RELEASE | KLJ | 7.0.11 | | 4/15/08 |



| ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT | GREEN | YELLOW | UNITS |
|--|-------------|--------|-------|
| POWER DISSIPATION | 100 | 60 | mW |
| DC FORWARD CURRENT | 30 | 20 | mA |
| PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH) | 120 | 80 | mA |
| DERATE LINEARLY FROM 50°C | 0.4 | 0.25 | mA/°C |
| REVERSE VOLTAGE (I _R =100 μA) | 5 | | V |
| STORAGE TEMPERATURE | -55 TO +100 | | °C |
| OPERATING TEMPERATURE | -55 TO +100 | | °C |
| SOLDERING TEMPERATURE, 1/16" FROM BODY FOR 5 SEC | 260 | | °C |

NOTES:

- LEAD SPACING IS MEASURED WHERE LEADS EMERGE FROM PACKAGE.
- PIN NUMBERS FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PART.
- DIALIGHT PART NUMBERS: 521-9332F, 521-9452F.
- THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING, AND STORAGE IN ACCORDANCE WITH IPC-A-610.
- PACKAGING: 100 PCS PER ANTISTATIC BAG (4" X 5").
- LABEL TO CONTAIN DIALIGHT CATALOG P/N, QTY. PER BAG, DATE CODE, LOT NUMBER, INTENSITY BIN CODE, COLOR BIN CODE, AND COUNTRY OF ORIGIN.
- BAG TO BE MARKED WITH RoHS COMPLIANT AND ESDS HANDLING PRECAUTION LABELS OR EQUIVALENT MARKINGS.



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES

| OPERATING CHARACTERISTICS AT 25°C AMBIENT | | | | | | |
|---|-------|--------|-------|-----|-----|------------------------|
| CHARACTERISTICS | UNITS | COLOR | VALUE | | | TEST CONDITIONS |
| | | | MIN | TYP | MAX | |
| LUMINOUS INTENSITY | mcd | GREEN | 1.1 | 3.7 | | I _f = 10 mA |
| | | YELLOW | 1.1 | 3.7 | | |
| FORWARD VOLTAGE | V | GREEN | | 2.1 | 2.6 | I _f = 20 mA |
| | | YELLOW | | | | |
| REVERSE CURRENT | μA | GREEN | | | 100 | V _R = 5 V |
| | | YELLOW | | | | |
| DOMINANT WAVELENGTH | nm | GREEN | | 569 | | |
| | | YELLOW | | 588 | | |
| PEAK WAVELENGTH | nm | GREEN | | 565 | | |
| | | YELLOW | | 585 | | |
| VIEWING ANGLE (2 Θ 1/2) | DEG | ALL | | 140 | | |

RoHS COMPLIANT 521-9332F & 521-9452F

Part Numbers with the "F" suffix ending are RoHS Compliant. 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.

| | | |
|---|---|-----|
| 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: 5.000 | DRAWING NUMBER | REV |
| ALL DIM'S IN: INCHES (MM) | C-17602 | A |
| TOLERANCES: UNLESS OTHERWISE SPECIFIED | TITLE 2mm x 5mm RECTANGULAR LED RoHS COMPLIANT | |
| FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.010 DECIMALS (.XXXX): ±.0005 ANGLES: ±1° | MATERIAL | |
| FINISH: | Dialight 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727 | |
| FSCM 83330 | SHEET 1 OF 1 FAMILY TABLE: | |

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Dialight:

[521-9332F](#) [566-0406F](#) [521-9452F](#) [566-0206F](#) [566-0306F](#)