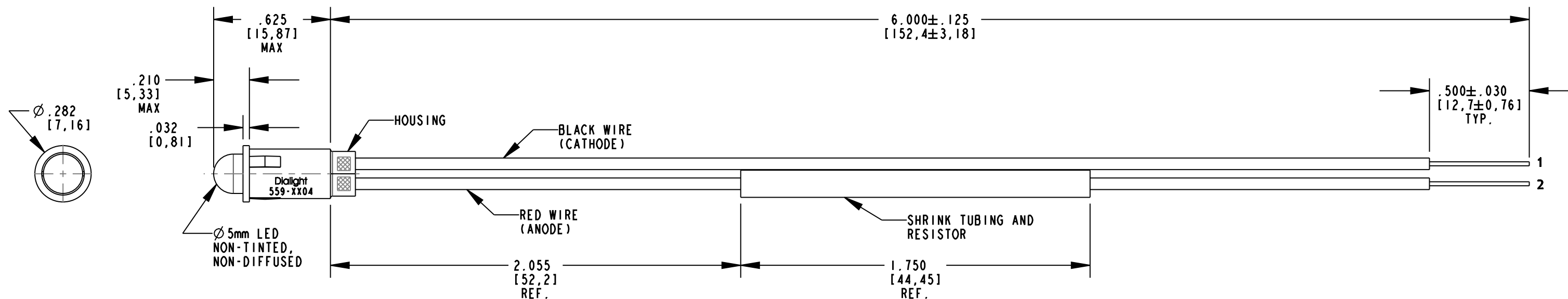


| DIALIGHT PART NUMBER | LED COLOR |
|----------------------|-----------|
| 559-5904-003F | YELLOW |
| 559-6104-003F | RED |
| 559-6204-003F | GREEN |

| REV | ECN NO | REVISIONS | DRN | CKD | APP | DATE |
|-----|--------|-------------|-----|-----|-----|--------|
| A | | NEW RELEASE | AJF | KLJ | CJC | 4-7-11 |

RoHS COMPLIANT 559-XX04-003F
 Part Numbers with the "F" suffix ending are RoHS Compliant.
 Packaging is marked with "RoHS Compliant" label or equivalent markings.

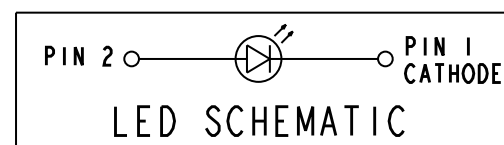


| OPERATING CHARACTERISTICS AT 25°C AMBIENT | | | | | | |
|---|--------|------|------|------|---------|------------------------|
| LED CHARACTERISTICS | COLOR | MIN. | TYP. | MAX. | UNITS | TEST CONDITIONS |
| LUMINOUS INTENSITY | YELLOW | 1600 | 3100 | — | mcd | I _f = 20 mA |
| | RED | 1400 | 2100 | — | | |
| | GREEN | 3000 | 5000 | — | | |
| PEAK WAVELENGTH | YELLOW | — | 592 | — | nm | |
| | RED | — | 635 | — | | |
| | GREEN | — | 525 | — | | |
| FORWARD VOLTAGE | YELLOW | — | 2.02 | 2.4 | V | I _f = 20 mA |
| | RED | — | 1.9 | 2.4 | | |
| | GREEN | — | 3.5 | 4.0 | | |
| VIEWING ANGLE | YELLOW | — | 15 | — | DEGREES | |
| | RED | — | 15 | — | | |
| | GREEN | — | 30 | — | | |

| ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT | | | | |
|--|-------------|-----|-------|-------|
| | YELLOW | RED | GREEN | UNITS |
| PEAK PULSED FORWARD CURRENT | 70 | 70 | 100 | mA |
| CONTINUOUS FORWARD CURRENT | 50 | 50 | 30 | mA |
| REVERSE VOLTAGE | 5 | 5 | 5 | V |
| OPERATING TEMPERATURE | -30 TO +85 | | | °C |
| STORAGE TEMPERATURE | -40 TO +100 | | | °C |

NOTES:

- DIALIGHT PART NUMBERS: 559-XX04-003F.
- RECOMMENDED MOUNTING HOLE SIZE: $\phi .249$ " - $\phi .252$ " ON PANELS .031" - .062" THICK.
- LEAD WIRES: 24 AWG PVC 7/32 PRE-BONDED.
- PIN NUMBERS ARE FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PART.
- THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING AND STORAGE IN ACCORDANCE WITH IPC-A-610.



ATTENTION:
 OBSERVE PRECAUTIONS FOR
 HANDLING ELECTROSTATIC
 SENSITIVE DEVICES

| | | |
|---|--|---------------|
| 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: 2.000 ALL DIM'S IN: INCHES (MM) | DRAWING NUMBER C-17913 | REV A |
| TOLERANCES: UNLESS OTHERWISE SPECIFIED FRACTIONS: ±1/64 DECIMALS (.XX): ±.02 DECIMALS (.XXX): ±.010 | TITLE Ø5mm, 24 V, SNAP-IN LED PMI | |
| ANGLES: ±1° | MATERIAL | |
| FINISH: | Dialight 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727 | |
| FSCM 83330 | SHEET 1 OF 1 | FAMILY TABLE: |