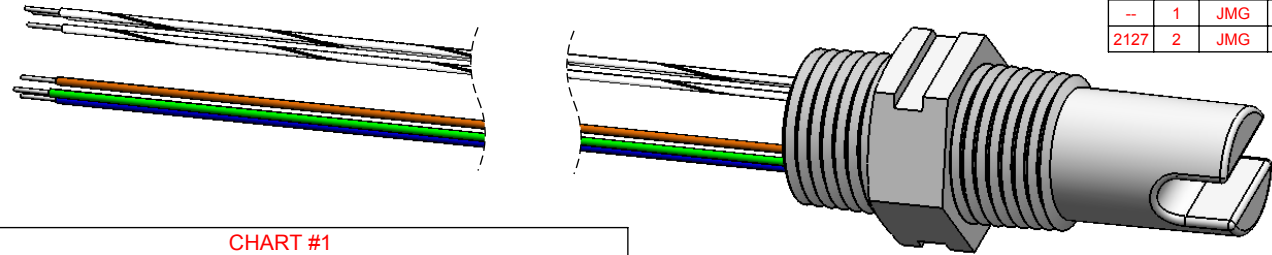


| REVISIONS |      |           |           |
|-----------|------|-----------|-----------|
| MOD No.   | REV. | DRAWN BY: | DATE      |
| --        | 1    | JMG       | 10 MAY 10 |
| 2127      | 2    | JMG       | 01 OCT 10 |

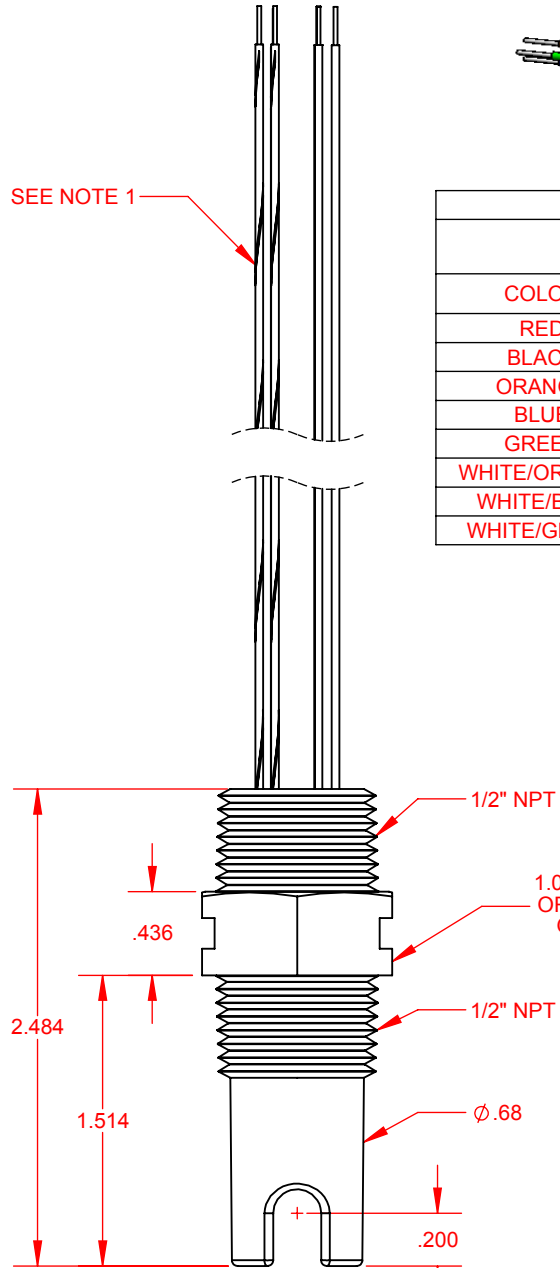


**ISOMETRIC VIEW**

| CHART #1          |           |
|-------------------|-----------|
| WIRING COLOR CODE |           |
| COLOR             | FUNCTION  |
| RED               | (+) POWER |
| BLACK             | (-) POWER |
| ORANGE            | COMMON    |
| BLUE              | N/O       |
| GREEN             | N/C       |
| WHITE/ORANGE      | COMMON    |
| WHITE/BLUE        | N/O       |
| WHITE/GREEN       | N/C       |

- NOTES:**
- STANDARD WIRING 24AWG, PVC, 12" LONG LEADS PER CHART #1 (OTHER OPTIONS AVAILABLE).
  - USE APPROPRIATE THREAD SEALANT FOR INSTALLATION TORQUE TO 15 ft-lbs MAX. DO NOT OVERTIGHTEN.

| SPECIFICATIONS                        |   |
|---------------------------------------|---|
| Accuracy:                             | ±1mm  |
| Repeatability:                        | ±0.5mm  |
| Frequency:                            | 2.2MHz  |
| Supply Voltage:                       | 5 to 15Vdc  |
| Pressure:                             | 150psi @ 77°F (10 bar @ 25°C)   |
| Temperature:                          | -40°F to 194°F (-40°C to 90°C)  |
| Mounting:                             | 0.5"NPT   |
| Power Consumption:                    | 25mA  |
| Outputs - Relay:                      | NO or NC, 30VA  |
| Optional 2nd Relay:                   | NO or NC, 30VA  |
| Leads:                                | 12" PVC 24awg leads, 8 wires  |
| Material:                             | Nylon or Polypropylene  |
| Color Code:                           |   |
| Red and Black                         | (+) and (-) power respectively  |
| Orange, Green and Blue                | Common NO and NC for Relay #1   |
| Orange/White, Blue/White, Green/White | Common NO and NC for Relay #2   |
| Torque:                               | Use appropriate thread sealant, torque to 15ft-lb maximum. Do not overtighten |



**GUARANTEED MINIMUM ENERGIZE DEPTH**

| UNLESS OTHERWISE SPECIFIED:                   |                |
|---|----------------|
| BREAK SHARP EDGES .003-.015                   |                |
| SURFACES TO BE SQUARE &/OR PARALLEL W/IN .005 |                |
| X/X = 1/64"                                   | .XXX = ±.005"  |
| .X = ±.030"                                   | .XXXX = ±.001" |
| .XX = ±.010"                                  | ANGLES = ±2°   |
| BREAK SHARP EDGES .08-.4                      |                |
| SURFACES TO BE SQUARE &/OR PARALLEL W/IN .127 |                |
| .Xmm = ±0.5mm                                 |                |
| X.XXmm = ±0.3mm                               |                |
| X.XXXmm = ±0.15mm                             | ANGLES = ±2°   |

|         |              |   |      |                               |           |        |     |             |     |
|---------|--------------|---|------|-------------------------------|-----------|--------|-----|-------------|-----|
|         |              | 55 Barnes Park North<br>Wallingford, CT 06492<br>Telephone: (203)294-5800<br>www.smdsensors.com |      |                               |           |        |     |             |     |
|         |              |   |      | <b>TITLE: OUTLINE DRAWING</b> |           |        |     |             |     |
| DATE:   | 05/10/10     | SCALE:  | NONE | DIM:                          | INCHES    | DRAWN: | JMG | CHECKED BY: | FEJ |
| DWG No. | SMD4645 p2-2 |   |      | USED ON:                      | APPVD BY: |        |     |             |     |