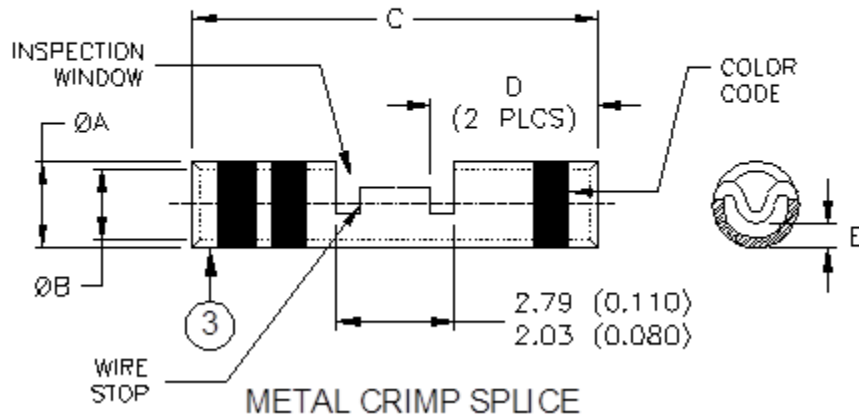
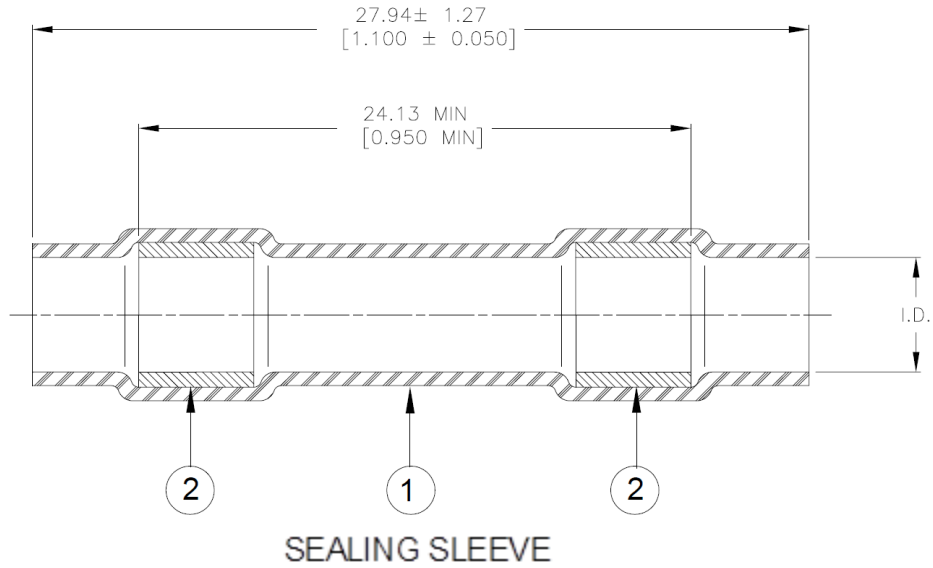


# CUSTOMER DRAWING



| Product Name  | I.D.*<br>a (min)<br>b (max)         | Product Dimensions                  |                                     |                                       |                                     |                 | COLOR CODE |
|---------------|-------------------------------------|-------------------------------------|-------------------------------------|---------------------------------------|-------------------------------------|-----------------|------------|
|               |                                     | A                                   | B                                   | C                                     | D                                   | E max           |            |
| D-436-36-SNPB | <u>2.16 (0.085)</u><br>0.64 (0.025) | <u>1.27 (0.050)</u><br>1.14 (0.045) | <u>2.03 (0.080)</u><br>1.91 (0.075) | <u>12.95 (0.510)</u><br>12.45 (0.490) | <u>6.22 (0.245)</u><br>5.72 (0.225) | 0.38<br>(0.015) | RED        |
| D-436-37-SNPB | <u>2.79 (0.110)</u><br>0.64 (0.025) | <u>1.75 (0.069)</u><br>1.63 (0.064) | <u>2.69 (0.106)</u><br>2.57 (0.101) | <u>14.86 (0.585)</u><br>14.35 (0.565) | <u>7.11 (0.280)</u><br>6.60 (0.260) | 0.51<br>(0.020) | BLUE       |
| D-436-38-SNPB | <u>4.32 (0.170)</u><br>0.64 (0.025) | <u>2.59 (0.102)</u><br>2.46 (0.097) | <u>3.89 (0.153)</u><br>3.73 (0.147) | <u>14.86 (0.585)</u><br>14.35 (0.565) | <u>7.11 (0.280)</u><br>6.60 (0.260) | 1.27<br>(0.050) | YELLOW     |

\* I.D.: a) As received; b) After unrestricted recovery through meltable insert.

|  |                                       |  |                              |  |                              |                         |
|--|---------------------------------------|--|------------------------------|--|------------------------------|-------------------------|
|  |                                       | <b>Raychem<br/>DEVICES</b>   |                              | TITLE:<br><b>IN-LINE SPLICE SEALING SYSTEM</b> |                              |                         |
| Unless otherwise specified dimensions are in millimeters.<br>[Inches dimensions are shown in brackets] |                                       |  |                              | DOCUMENT NO.:<br><b>D-436-36/-37/-38-SNPB</b>  |                              |                         |
| TOLERANCES:<br>0.00 N/A<br>0.0 N/A<br>0 N/A  | ANGLES: N/A<br>ROUGHNESS IN<br>MICRON | TE Connectivity reserves the right to<br>amend this drawing at any time. Users<br>should evaluate the suitability of the<br>product for their application. |                              | REV :<br><b>B</b>                              | DATE :<br><b>28 Aug 2020</b> |                         |
| PREPARED BY:<br><b>U.NGUYEN</b>  | CAGE CODE:<br><b>06090</b>            | REPLACES:<br><b>NA</b>   | ECO:<br><b>ECO-20-012109</b> | SCALE:<br><b>NTS</b>                           | SIZE:<br><b>A</b>            | SHEET:<br><b>1 of 2</b> |

© 2020 TE Connectivity Ltd. Family of Companies. All Rights Reserved.

If this document is printed it becomes uncontrolled. Check for the latest revision.

TE Connectivity, TE connectivity (logo), Raychem are trademarks

# CUSTOMER DRAWING

## MATERIALS

1. INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked modified polyvinylidene fluoride.
2. SEALING RINGS: Immersion resistant thermoplastic. Color: one clear, one color coded (see table below).
3. CRIMP SPLICE:  
Base Metal: Copper alloy 101 or 102 per ASTM B-75.  
Plating: 90% Sn, 10% Pb, nominal. The minimum Pb in percent by weight shall be 3%.

## APPLICATION

1. These parts are designed to provide immersion resistant in-line splices of 1 to 1 wire falling within size range listed above, and having insulations rated for 135°C or higher.
2. Acceptance sampling shall be in accordance with Paragraph 4.6.1 of SAE AS81824.
3. Packing and packaging shall be in accordance with Sections 5, Level C, of SAE AS81824.
4. This document takes precedence over documents reference herein.

## ASSEMBLY PROCEDURE:

1. Slide sealing sleeve onto one of the wires to be spliced.
2. Strip wires 5/16" to 11/32".
3. Insert one wire into barrel of crimp splicer and crimp using a TE Connectivity/Raychem AD-1377 crimp tool. Repeat for other wire.
4. Center sealing sleeve over the splice.
5. Apply heat, using an approved heat source, first to one of the inserts and then the other. Heat should be applied until insert melts and flows axially along the wire.

Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets]

|  |           |                              |                      |                  |
|--|-----------|------------------------------|----------------------|------------------|
| DOCUMENT NO:<br><b>D-436-36/-37/-38-SNPB</b> | REV:<br>B | ECO NUMBER:<br>ECO-20-012109 | DATE:<br>28 Aug 2020 | SHEET:<br>2 of 2 |
|--|-----------|------------------------------|----------------------|------------------|

© 2020 TE Connectivity Ltd. Family of Companies. All Rights Reserved.

If this document is printed it becomes uncontrolled. Check for the latest revision.

TE Connectivity, TE connectivity (logo), Raychem are trademarks