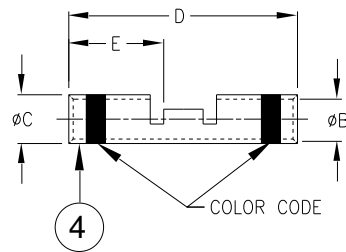
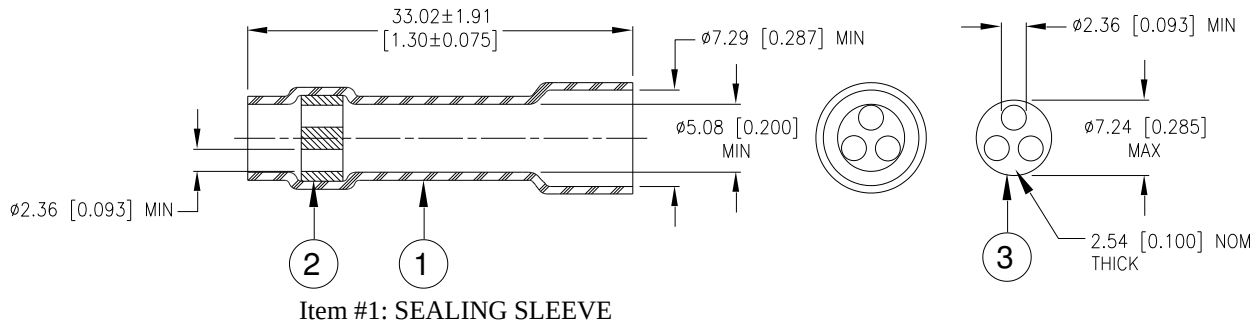


## CUSTOMER DRAWING



### MATERIALS

1. INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked modified fluoropolymer.
2. INTEGRAL MULTI-WIRE SEAL: Environment Resistant Modified Thermoplastic Fluoropolymer. Color Light Blue.
3. SEPARATE MULTI-WIRE SEAL: Environment Resistant Modified Thermoplastic Fluoropolymer. Color: Light Blue.
4. CRIMP SPLICE: Base Metal: Copper Alloy 101 or 102 per ASTM B-75.  
Plating: Nickel per SAE-AMS-QQ-N-290.  
Color Code: See table below.

### Dimensions Table

| Part Name | Crimp Splice |              |               |              |                              | Color Code |
|-----------|--------------|--------------|---------------|--------------|------------------------------|------------|
|           | 0B           | 0C           | D             | E            | CMA Range (MM <sup>2</sup> ) |            |
| D-200-88  | 1.27 [0.050] | 2.03 [0.080] | 12.95 [0.510] | 6.22 [0.245] | 304-1510                     | Red        |
|           | 1.14 [0.045] | 1.91 [0.075] | 12.45 [0.490] | 5.72 [0.225] | (0.15-0.75)                  |            |
| D-200-89  | 1.75 [0.069] | 2.70 [0.106] | 14.86 [0.585] | 7.11 [0.280] | 1058-2680                    | Blue       |
|           | 1.63 [0.064] | 2.57 [0.101] | 14.35 [0.565] | 6.60 [0.260] | (1.53-1.34)                  |            |
| D-200-90  | 2.60 [0.102] | 3.91 [0.154] | 14.86 [0.585] | 7.11 [0.280] | 2375-6755                    | Yellow     |
|           | 2.46 [0.097] | 3.73 [0.147] | 14.35 [0.565] | 6.60 [0.260] | (1.19-3.37)                  |            |

|                                                                                                    |                                                         |                                                                                                                                                                |                                                                                                                             |                               |                         |
|----------------------------------------------------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------|
|                 |                                                         |                                                                                                                                                                | <b>TITLE:</b><br><b>IN-LINE SPLICE SEALING SYSTEM, MULTI-WIRE SPLICER NICKEL PLATED, COLOR CODED, WITH INSPECTION SLOTS</b> |                               |                         |
|                                                                                                    |                                                         |                                                                                                                                                                | <b>DOCUMENT NO.:</b><br><b>D-200-88/-90</b>                                                                                 |                               |                         |
| Unless otherwise specified dimensions are in millimeters.[Inches dimensions are shown in brackets] |                                                         | Raychem Devices                                                                                                                                                |                                                                                                                             | <b>REV:</b><br>E2             |                         |
| <b>TOLERANCES:</b><br>0.00 N/A<br>0.0 N/A<br>0 N/A                                                 | <b>ANGLES:</b> N/A<br><br><b>ROUGHNESS</b><br>IN MICRON | Tyco Electronics Corporation reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application. |                                                                                                                             | <b>DATE:</b><br>JULY 20, 2021 |                         |
| <b>PREPARED BY:</b><br>RANJITHA B                                                                  | <b>CAGE CODE:</b><br>06090                              | <b>ECO NUMBER:</b><br>ECO-21-007545                                                                                                                            | <b>SCALE:</b><br>NTS                                                                                                        | <b>SIZE:</b><br>A             | <b>SHEET:</b><br>1 of 2 |

## CUSTOMER DRAWING

Table I

| Installation Data: |                                       |         |             |         |
|--------------------|---------------------------------------|---------|-------------|---------|
| Part Name          | Wire Size Range of Crimp Splice (AWG) |         |             |         |
|                    | Two wires                             |         | Three wires |         |
|                    | Minimum                               | Maximum | Minimum     | Maximum |
| D-200-88           | 26                                    | 24      | 28          | 26      |
| D-200-89           | 22                                    | 20      | 24          | 22      |
| D-200-90           | 20                                    | 16      | 20          | 18      |

### APPLICATION

1. These parts are designed to provide immersion resistant in-line splices of multi wire falling within the size range listed on Table I, having nickel-plated conductors and insulations rated for at least 150 °C.
2. Acceptance sampling shall be in accordance with Paragraph 4.6.1 of SAE AS81824.
3. Parts are to be installed per TE Connectivity RCPS-200-20 Installation Procedure.
4. Packing and packaging shall be in accordance with Section 5, Level C, of SAE AS81824.
5. This document takes precedence over documents referenced herein.
6. Temperature Range: -65°C to +200°C.

|                                      |            |                               |                        |                  |
|--------------------------------------|------------|-------------------------------|------------------------|------------------|
| DOCUMENT NO.:<br><b>D-200-88/-90</b> | REV:<br>E2 | REVISED PER:<br>ECO-21-007545 | DATE:<br>JULY 20, 2021 | SHEET:<br>2 of 2 |
|--------------------------------------|------------|-------------------------------|------------------------|------------------|