

**1. CONDUCTOR:**

- 1.1 Size and Material: 10 37/26 AWG tin-plated copper wire (unilay construction).
- 1.2 O.D.: .1075" nom.

**2. INSULATION:**

- 2.1 Extruded ETFE (Dupont's Tefzel® 280 or Daikin's Neoflon® EP541), insulation must be smooth with no swirl.
- 2.2 Wall thickness: .0243" nom. (cannot be lower than .0225")
- 2.3 Marking on the insulation:
  - 2.3.1 Legend: X1 / S1
  - 2.3.2 Letter height (horizontal): 1/16" nom.
  - 2.3.3 Distance between each printed legend: 1 1/2" nom.
  - 2.3.4 Engraving type: line cut.
  - 2.3.5 Color: black.
  - 2.3.6 Ink type: Caloric Color (ETFE 2805) or CMR F2500001LT.
  - 2.3.7 Note: as per sample received
- 2.4 O.D.: .156" ± .004"
- 2.5 Color: gray.

**3. PERFORMANCE:**

- 3.1 Voltage rating: 1000 VAC R.M.S.
- 3.2 Temperature rating: 150°C (air) / 150°C (mineral oil).

**CUSTOMER APPROVAL**

Sign: \_\_\_\_\_

Date: \_\_\_\_\_

Engineering Change Notice No.						
1536	2098	3106				

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Date: <b>September 23, 2019</b>		
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**UNCONTROLLED DOCUMENT**  
A later revision of this specification may exist.