1. CONDUCTOR:

1.1 Size and Material: 12 19/25 AWG tin-plated copper wire (unilay construction).
1.2 O.D.: .087" nom.

2. INSULATION:

2.1 Extruded ETFE insulation must be smooth with no swirl.
2.2 Wall thickness: .0235" nom. (cannot be lower than .022")
2.3 Marking on the insulation:
  2.3.1 Legend: X-1
  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)
  2.3.7 Note: as per sample received
2.4 O.D.: .134" ± .003"
2.5 Color: gray.

3. PERFORMANCE:

3.1 Voltage rating: 1000 VAC R.M.S.
3.2 Temperature rating: 150^{0}C (air) / 150^{0}C (mineral oil)

CUSTOMER APPROVAL

Sign: _____

Date: _____

Engineering Change Notice No.							

UNCONTROLLED DOCUMENT
A later revision of this specification may exist.

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A member of The Marmon Group of companies

Drawn: [signature]
Date: July 6, 2004
Verified: [signature]
Date: July 6, 2004

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Description: **IEWC 115207 (X-1)**

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