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**ALPHA WIRE COMPANY**  
**CUSTOMER PRODUCT SPECIFICATION**

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Part Number: 521F  
Page 1 of 2 Pages

Issue: 3  
Issue Date: 6/9/2006

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**A. Cordage Construction**

- 1) Conductor
  - a) Material Bare Copper Per ASTM B-3
  - b) AWG, Stranding 14, 41/30; Finer stranding may be used.
  
- 2) Insulation
  - a) Material Polyvinylchloride
  - b) Min. Avg. Wall Thickness 0.030
  - c) Nominal Diameter 0.141
  
- 3) Core Assembly
  - a) Number of Conductors 3
  - b) Color Code Blue, Brown & Green/Yellow within Munsell® Component extended limits of deviation.  
*[Note: The stripe of the Green/Yellow insulation shall be 50% +/- 20%.]*
  - c) Fillers Optional Shield Aluminum/Polyester, Foil Facing In, 25% Minimum Overlap.
  - d) Drain Wire 20 (7/28) AWG Tinned Copper; Finer stranding may be used.
  
- 4) Jacket
  - a) Material Polyvinylchloride
  - b) Surface Finish Smooth, non-striated
  - c) Nominal Diameter 0.380
  - d) Color Black; within Munsell® Component limits of deviation
  - e) UL, CSA Type SJT
  - f) Jacket Marking Per UL Standard 62 and CSA C22.2 No. 49.

**B. Cord Configuration**

- 1) End 1 Right Angle Molded Vinyl Grounding Connector, IEC 320-C13
- 2) End 2 Jacket Stripped 1.5" +/- .125"  
Insulation Stripped 0.625" +/- 0.0625"
- 3) Mold Color Black
- 4) Overall Length 79" +/- 2"

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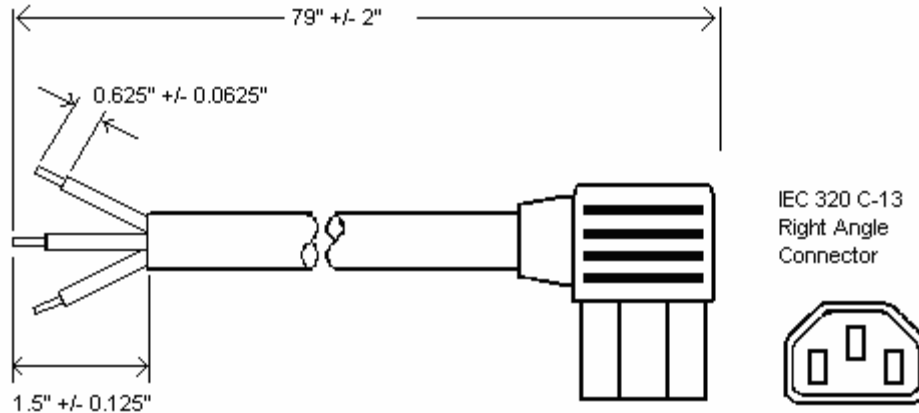
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**C. Industry Approvals and Ratings**

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|-----------------------------------|---|
| 1) UL                             | UL Standard 817   |
| 2) CSA                            | CSA C22.2 No. 21  |
| 3) Voltage Rating                 | 125 Vrms  |
| 4) Current Rating                 | 15 Amps   |
| 5) Temperature Rating             | 60°C, Minimum   |
| 5) EU Directive 2002/95/EC(RoHS): | All materials used in the manufacture and packaging of this part meet the requirement of EU Directive 2002/95/EU regarding the restriction of use of certain hazardous substances in electrical and electronic equipment. |
| 6) California Proposition 65:     | The outer surface materials of this product are in accordance with CA Proposition 65 and contain no greater than 300 ppm of lead and meet all other chemical constraints as outlined in CA Proposition 65.                |

**D. Packaging**

- |                     |                             |
|---------------------|-----------------------------|
| 1) Standard Package | 25 Pieces, placed in Carton |
|---------------------|-----------------------------|

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