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### DATA SHEET

Part Number: **P1632-102**  
Description: **Iron Powder Plain Core**



| Dimensions:       | inches (millimeters) |                 |
|-------------------|----------------------|-----------------|
| Outside Diameter: | 0.250 / 0.245        | (6.35 / 6.22)   |
| Length:           | 1.015 / 0.985        | (25.78 / 25.02) |

#### Material Characteristics:

Material Type: Micrometals Mix-02  
 $\mu_i$ (reference): 10 (reference)  
 Temperature Stability: +95ppm/K typical

Finish: None

Note: Core surface will rust if exposed to high humidity and rain or not handled with cotton gloves. The Thermal Aging properties of Micrometals Mix -02 are unique to Micrometals alone and not our competitors. Other material properties as described in Micrometals RF Catalog, Issue H, December 2005. Micrometals Iron Powder Cores comply with the EU Directives 2002/95/EC and 2003/11/EC. Any possible unintentional RoHS trace elements present are less than 100 ppm.