

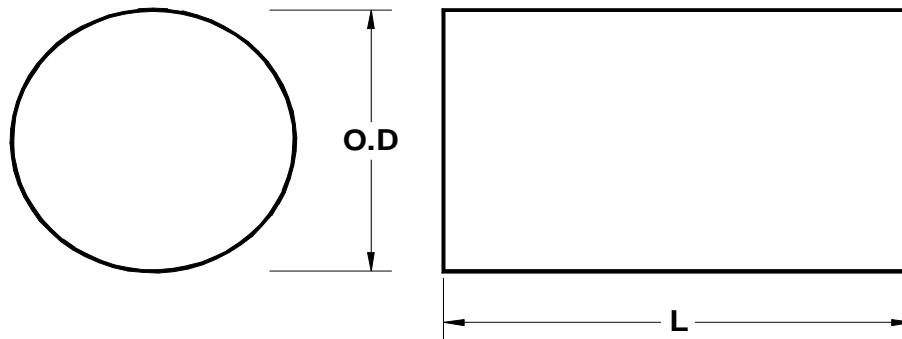


TEL (714) 970-9400  
 USA (800) 356-5977  
 FAX (714) 970-0400

## DATA SHEET

Part Number: P825-142

Description: Iron Powder Plain Core



Dimensions:	inches (millimeters)	
Outside Diameter:	0.136 / 0.131	(3.45 / 3.33)
Length:	0.790 / 0.760	(20.07 / 19.30)
AL, nH/Turns <sup>2</sup> (ref only):	N/A	

### Material Characteristics:

Material Type:	Micrometals Mix-42
$\mu_i$ (reference)	40 (reference)
Temperature Stability	+550ppm/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 -42 are unique to Micrometals alone and not our competitors. Other material properties as described in Micrometals Power Conversion Catalog, Issue L, February 2007. 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.

**MICROMETALS, INC. • 5615 E. LA PALMA AVENUE • ANAHEIM, CALIFORNIA 92807-2109 • USA**

Ph: +1-714-970-9400, Toll Free in USA: +1-800-356-5977 [www.Micrometals.com](http://www.Micrometals.com)

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