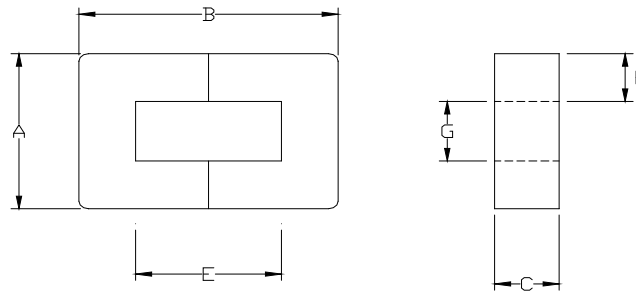




TEL (714) 970-9400
 USA (800) 356-5977
 FAX (714) 970-0400

Data Sheet
 Part Number U350-2
 Description: Iron Powder U-Core, No color stripes



Dimensions:		Inches (millimeters)			
A	B	C	E	F	G
3.520/3.480	5.770/5.730	1.015/0.985	3.270/3.230	1.015/0.985	1.530/1.470
(89.4/88.4)	(146.6/145.5)	(25.8/25.0)	(83.1/82.0)	(25.8/25.0)	(38.9/37.3)

Magnetic Dimensions:

Magnetic Path Length:	35.6 cm
Cross Sectional Area:	6.45 cm ²
Volume:	250 cm ³

Basic Material Characteristics:

Material Type:	Micrometals Mix -2
Initial Permeability:	10 (reference)
Temperature Stability:	+95 ppm/C° typical

Inductance Index: 59nH/N² +/- 5% (Note, the actual inductance is highly dependent on winding type and leakage effects of this 10 permeability core material. The AI value is based on the following test winding and conditions. If a copper foil winding is used, the AI will drop possibly 55%)

Test Winding:	100 turns, 2x AWG-16
Test Instrument:	HP4274A
Test Frequency:	10 kHz
Test Voltage:	2.86V (B ac = 10 gauss)
Inductance:	619.5 / 560.5uH
Core Loss Characteristics:	19mW/cm ³ nominal at 140 gauss pk, F = 100 kHz

Note: The Thermal Aging properties of Micrometals Mix -2 are unique to Micrometals alone and not our competitors. All other magnetic properties as described in Micrometals Power Conversion Catalog, Issue L, 2'2007. Micrometals Powder Alloy Cores comply with the EU Directives 2002/95/EC and 2003/11/EC. Any possible unintentional RoHS trace elements are less than 100 ppm.