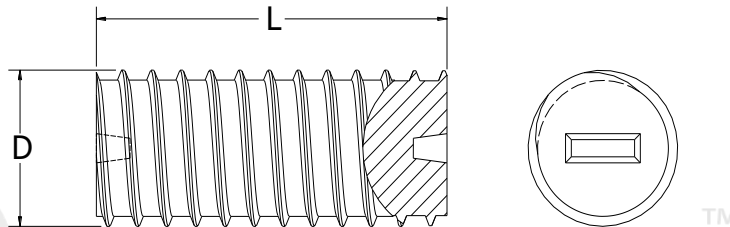




DATA SHEET

Part Number: TH03-0412
 Description: Iron Powder Threaded Core



Dimensions:	in.	mm.
Diameter:	0.111 +/- 0.001 (0.112 / 0.110)	2.82 +/- 0.03 (2.84 / 2.79)
Length:	0.187 +/- 0.010 (0.197 / 0.177)	4.75 +/- 0.25 (5.00 / 4.50)

Drive: Partial Slot - each end
 Thread: #4-40 - Shallow per MPIF Standard

Material Characteristics:
 Material Type: Micrometals Mix-12
 μ_r (reference) 4 (reference)
 Temperature Stability +170ppm/K typical
 Frequency Range 30 - 250 MHz

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 -12 are unique to Micrometals alone and not our competitors. Other material properties as described in 2019 Iron Powder Product Catalog. 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.