

MC25 Very High Permeability Ferrite

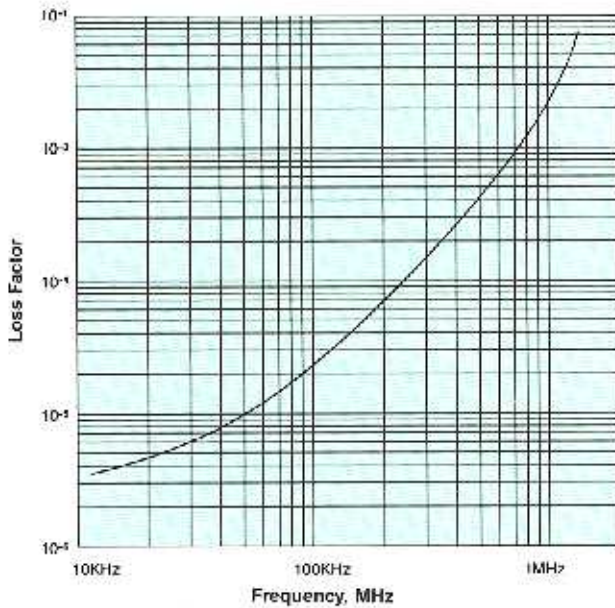
High permeability and temperature stability make this material a good choice for filter inductors, broadband transformers, and pulse transformers. This material is available in limited sizes from grinding stock for pressed toroids less than 1/2" O.D.

Magnetic and Physical Characteristics

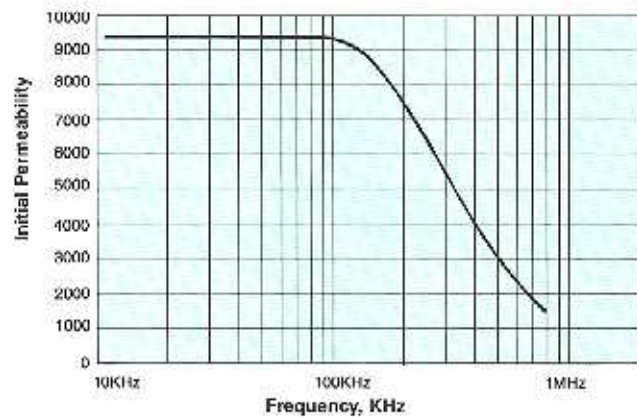
INITIAL PERMEABILITY	9500
MAXIMUM PERMEABILITY	12500 typ.
MAXIMUM FLUX DENSITY	4000 gauss min.
REMANENT FLUX DENSITY	1300 gauss max.
COERCIVE FORCE	0.09 oersted max.
CURIE TEMPERATURE	125°C typ.
dc VOLUME RESISTIVITY	35 ohm-cm typ.

Typical Design Curves

Loss Factor vs. Frequency



Initial Permeability vs. Frequency



Initial Permeability vs. Temperature

