



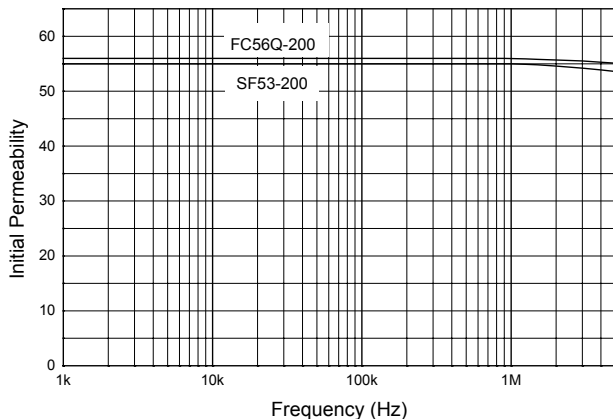
Super Flux Core For Mhz Application

Introducing new families of Super Flux core material for Mhz application and thermal aging free up to 200°C. Super Flux Core Materials are made of special high purity iron-alloyed powders which show much lower core loss at higher frequency. With the break through on our material research, Curie & Alliance are now offering SF56Q material that can be operated up to 2.5Mhz with flux density of 13,000 Gauss (Bs). We also incorporate our latest TAF200™ technology that enable our Super Flux material to be thermal aging free up to 200°C. Curie's state-of-art / proprietary co-polymer bonding process enable our core to operate up to 200°C without any breakdown on our binding material. SF53-200 & SF56Q-200 material are available in Toroid, EE, ER and custom core shape. For additional material information and standard core size specification, please visit our web site at www.alliancemagnetics.net or e-mail your inquiries to sales@alliancemagnetics.net.

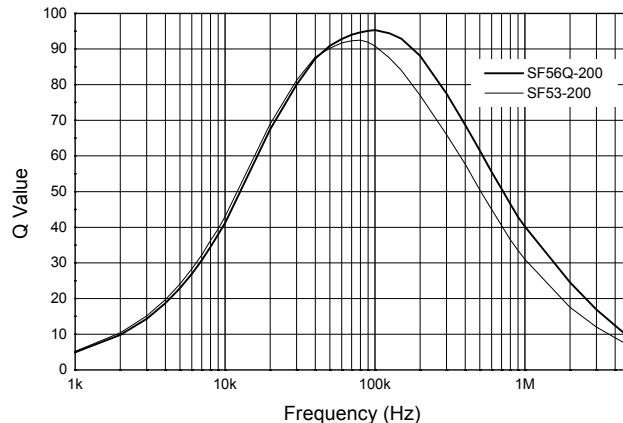
General Material Properties:

Curie Materials	Initial Permeability μ_i	Permeability with DC bias Hdc = 50 oersteds @ 10KHz	Application Frequency
SF53-200	55	43 (78%)	Up to 1.5MHz
SF56Q-200	56	46 (82%)	Up to 2.5MHz

Initial Permeability V.S. Frequency



Q Value V.S. Frequency



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