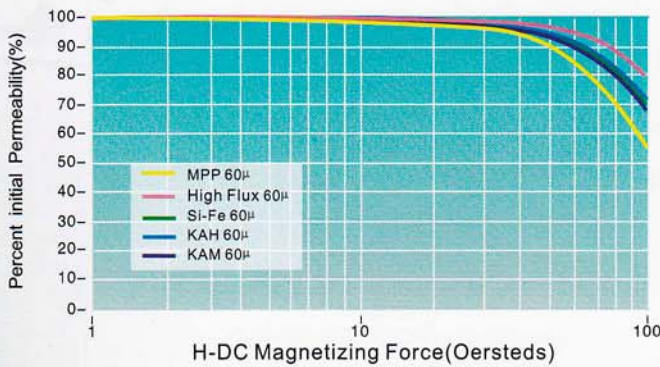


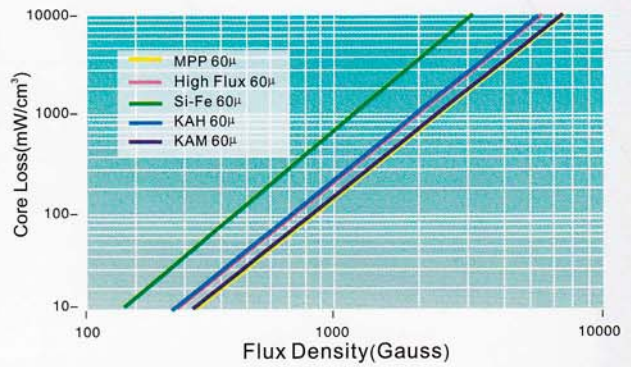


Comparison Test

Percent Change of Permeability VS DC Magnetizing Force



Core Loss VS Peak AC Flux Density @50kHz



Application :

- PFC chokes
- Switching regulator inductors
- In-line filters
- Pulse transformers
- Flyback transformers

Material Comparison

Core Materials	Core Loss (50kHz 1000Gs)	Perm vs. DC Bias (1000e)	Relative Cost	Saturation Flux Density (Tesla)	Temp. Stability
MPP	180	50%	100%	0.75	Best
High Flux	250	78%	70%	1.5	Better
Si-Fe	750	70%	25%	1.6	Better
Sendust	300	45%	15%	1.05	Good
Amorphous (APH)	380	68%	60%	1.4	Poor
KAM	180	68%	70%	1.3	Better
KAH	250	70%	55%	1.4	Better

* All test results are based on permeability of 60 µ

Magnetic Dimensions

KDM Part No.	A _c ± 8%	Before Coating			After Coating			Le in/cm	Ae in ² /cm ²	V in ³ /cm ³	W in ² /cm ²
		OD(Max) in/mm	ID(Mix) in/mm	Ht(Max) in/mm	OD(Max) in/mm	ID(Mix) in/mm	Ht(Max) in/mm				
KAM050-060A	27	0.500	0.300	0.187	0.530	0.275	0.217	1.229	0.01767	0.0217	0.05940
KAH050-060A		12.70	7.62	4.75	13.46	6.99	5.51	3.120	0.114	0.356	0.383
KAM092-060A	51	0.928	0.567	0.350	0.956	0.542	0.382	2.32	0.061	0.142	0.2307
KAH092-060A		23.60	14.40	8.89	24.30	13.77	9.70	5.880	0.388	2.280	1.490
KAM106-060A	75	1.060	0.580	0.440	1.090	0.555	0.472	2.50	0.1014	0.254	0.2419
KAH106-060A		26.90	14.70	11.20	27.70	14.10	11.99	6.350	0.654	4.150	1.560
KAM130-060A	61	1.300	0.785	0.420	1.332	0.760	0.457	3.21	0.1042	0.334	0.4537
KAH130-060A		33.00	19.90	10.70	33.83	19.30	11.61	7.150	0.672	5.480	2.930
KAM184-060A	135	1.840	0.850	0.710	1.875	0.918	0.745	4.23	0.308	1.30	0.6619
KAH184-060A		46.70	24.10	18.00	47.63	23.32	18.92	10.748	1.990	21.300	4.270
KAM226-060A	138	2.350	1.039	0.600	2.285	1.007	0.635	4.93	0.355	1.75	0.7964
KAH226-060A		57.20	26.40	15.20	58.00	25.60	16.10	12.500	2.290	28.600	5.140

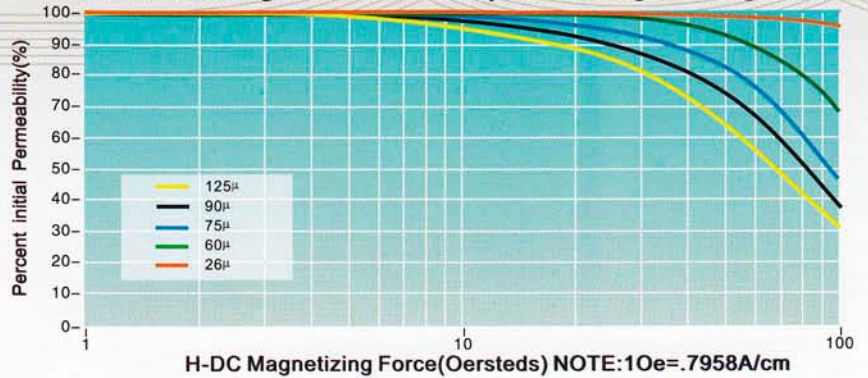
* More Models And Specifications, Please Contact Us.

KAM Series

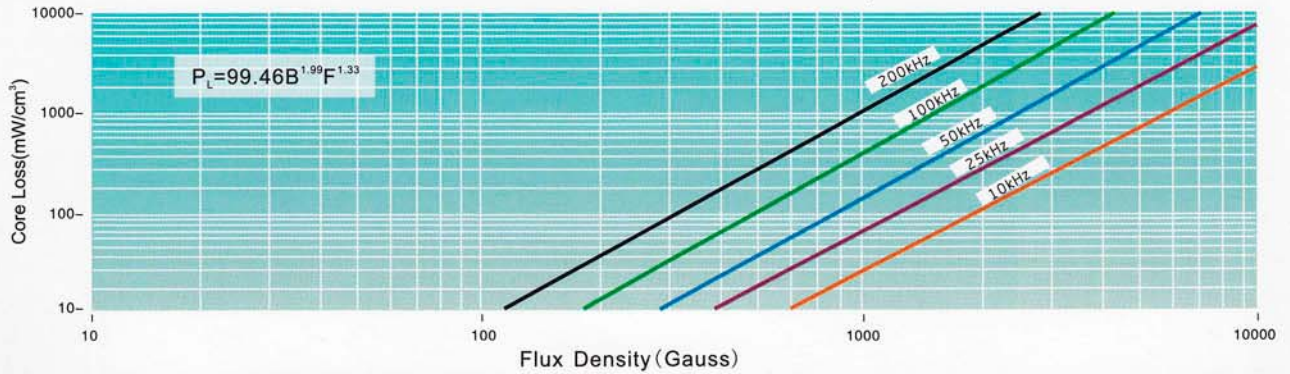
Material

Core Name	Nanodust™ Cores
Material Code	KAM
Permeability	26 μ ~ 125 μ
Bmax	13000 Gs
Typical Core Loss (50kHz/1000Gs)	180mW/cm ³
Curie Temp.	550 °C
Operating Temp.	-40 °C ~ 200 °C
Frequency Limit	1MHz
Core Size	0.50in~5.20in 12.70mm~132mm

Percent Change of Permeability vs. DC Magnetizing Force



Core Loss VS Peak AC Flux Density

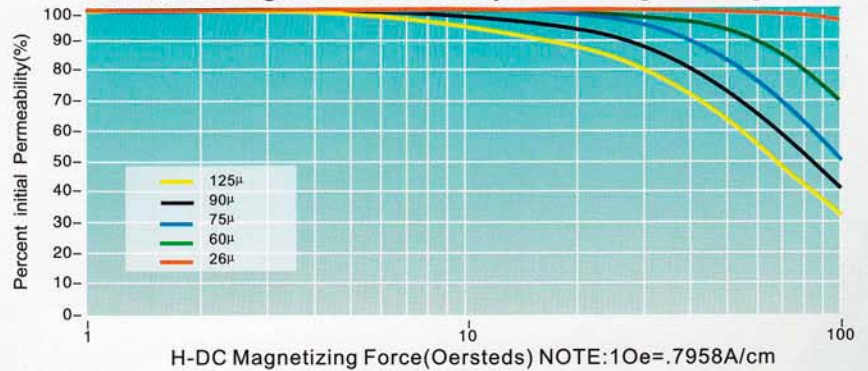


KAH Series

Material

Core Name	Nanodust™ Cores
Material Code	KAH
Permeability	26 μ ~ 125 μ
Bmax	14000 Gs
Typical Core Loss (50kHz/1000Gs)	250mW/cm ³
Curie Temp.	600 °C
Operating Temp.	-40 °C ~ 200 °C
Frequency Limit	1MHz
Core Size	0.50in~5.20in 12.70mm~132mm

Percent Change of Permeability vs. DC Magnetizing Force



Core Loss VS Peak AC Flux Density

