

OD12.7mm/0.50inch

磁芯尺寸 Magnetic Dimensions

Before Coating			After Coating			ℓ_e	A_e	V	W
OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	in/cm	in ² /cm ²	in ³ /cm ³	in ² /cm ²
0.500 12.70	0.300 7.62	0.187 4.75	0.530 13.46	0.275 6.99	0.217 5.51	1.229 3.120	0.01767 0.114	0.0217 0.356	0.05940 0.383

规格型号 Dimensions Table

KDM Part No.							Perm. (μ)	A_L $\pm 8\%$
Sendust	Si-Fe [®]	High Flux	MPP	Neu Flux [®]	KAM	KAH		
KS050-026A	KSF050-026A	KH050-026A	KM050-026A	KNF050-026A	KAM050-026A	KAH050-026A	26	12
KS050-060A	KSF050-060A	KH050-060A	KM050-060A	KNF050-060A	KAM050-060A	KAH050-060A	60	27
KS050-075A	KSF050-075A	—	—	KNF050-075A	KAM050-075A	KAH050-075A	75	34
KS050-090A	KSF050-090A	—	—	KNF050-090A	KAM050-090A	KAH050-090A	90	40
KS050-125A	—	KH050-125A	KM050-125A	—	KAM050-125A	KAH050-125A	125	56

绕线参数 Magnet Wire Winding Data

AWG Wire		Single Layer		AWG Wire		Single Layer		AWG Wire		Single Layer	
No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω
15	0.153	10	0.00271	21	0.0785	22	0.0193	27	0.0409	45	0.140
16	0.137	11	0.00376	22	0.0701	25	0.0270	28	0.0366	50	0.197
17	0.122	13	0.00520	23	0.0632	28	0.0371	29	0.0330	56	0.269
18	0.109	15	0.00722	24	0.0566	31	0.0518	30	0.0294	63	0.381
19	0.0980	17	0.0100	25	0.0505	35	0.0723	31	0.0267	69	0.527
20	0.0879	19	0.0139	26	0.0452	40	0.101	32	0.0241	73	0.716

