

ALLOY POWDER CORE SERIES PRODUCTS

Toroidal Cores

TYPICAL PART No.

MPP 106—125

HF

KS

Permeability(μ_e)

Size Designation

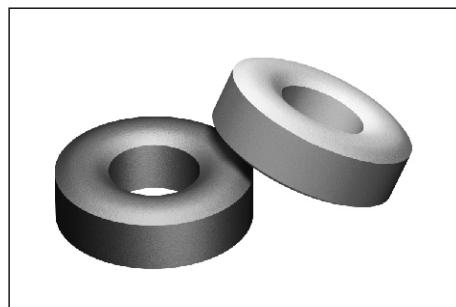
Materials Mix No.

Permeability:From 14 μ to125 μ

MPP:MPP Core(gray)

HF:High Flux Core(blue)

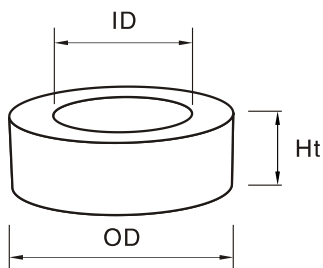
KS:Sendust Core(black)



STANDARD SPECIFICATIONS

Part No. MPP-XXX-XX HF-XXX-XX KS-XXX-XX	A_L nH/N ²	Dimensions (Bare)			Dimensions (Coated)			L cm	A cm ²	V cm ³
		OD mm	ID mm	HT mm	OD mm(Max)	ID mm(Min)	HT mm(Max)			
050-14	6.4	12.7	7.62	4.75	13.46	6.99	5.51	3.124	0.114	0.356
050-26	12	12.7	7.62	4.75	13.46	6.99	5.51	3.124	0.114	0.356
050-60	27	12.7	7.62	4.75	13.46	6.99	5.51	3.124	0.114	0.356
050-75	34	12.7	7.62	4.75	13.46	6.99	5.51	3.124	0.114	0.356
050-90	40	12.7	7.62	4.75	13.46	6.99	5.51	3.124	0.114	0.356
050-125	56	12.7	7.62	4.75	13.46	6.99	5.51	3.124	0.114	0.356
065-14	8	16.51	10.16	6.35	17.40	9.53	7.11	4.11	0.192	0.789
065-26	15	16.51	10.16	6.35	17.40	9.53	7.11	4.11	0.192	0.789
065-60	35	16.51	10.16	6.35	17.40	9.53	7.11	4.11	0.192	0.789
065-75	43	16.51	10.16	6.35	17.40	9.53	7.11	4.11	0.192	0.789
065-90	52	16.51	10.16	6.35	17.40	9.53	7.11	4.11	0.192	0.789
065-125	72	16.51	10.16	6.35	17.40	9.53	7.11	4.11	0.192	0.789
068-14	10	17.27	9.65	6.35	18.03	9.02	7.11	4.14	0.232	0.961
068-26	19	17.27	9.65	6.35	18.03	9.02	7.11	4.14	0.232	0.961
068-60	43	17.27	9.65	6.35	18.03	9.02	7.11	4.14	0.232	0.961
068-75	53	17.27	9.65	6.35	18.03	9.02	7.11	4.14	0.232	0.961
068-90	64	17.27	9.65	6.35	18.03	9.02	7.11	4.14	0.232	0.961
068-125	89	17.27	9.65	6.35	18.03	9.02	7.11	4.14	0.232	0.961
080-26	14	20.30	12.70	6.35	21.10	12.07	7.11	5.090	0.226	1.150
080-35	19	20.30	12.70	6.35	21.10	12.07	7.11	5.090	0.226	1.150
080-60	32	20.30	12.70	6.35	21.10	12.07	7.11	5.090	0.226	1.150
080-75	41	20.30	12.70	6.35	21.10	12.07	7.11	5.090	0.226	1.150
080-90	49	20.30	12.70	6.35	21.10	12.07	7.11	5.090	0.226	1.150
080-125	68	20.30	12.70	6.35	21.10	12.07	7.11	5.090	0.226	1.150

TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS



L_e : Mean Magnetic Path length

A_e : Cross Section Area

V_e : Core Volume

Operating temperature range: $-55^{\circ}\text{C} \sim +125^{\circ}\text{C}$

A_L Test condition: 10kHz, 1mT