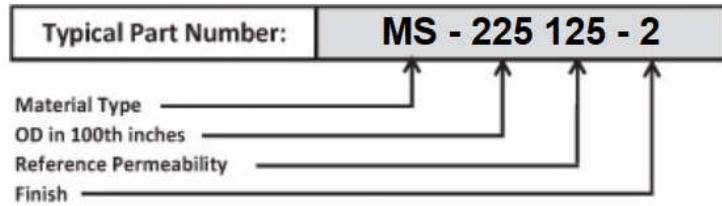
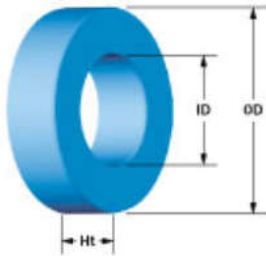


Спецификация магнитных сердечников Sendust MS-225xxx-2

(Информация с сайта <http://micrometalsarnoldpowdercores.com>)



Physical Dimensions

OD	Bare Core Nominal	57.15 mm	2.250 in
	Coated Core (max)	58.04 mm	2.285 in
ID	Bare Core Nominal	35.56 mm	1.400 in
	Coated Core (min)	34.75 mm	1.368 in
Ht	Bare Core Nominal	13.97 mm	0.550 in
	Coated Core (max)	14.86 mm	0.585 in

Magnetic Dimensions

Ae	Effective Magnetic Cross Section	1.44 cm ²
Le	Effective Magnetic Path Length	14.3 cm
Ve	Effective Core Volume	20.7 cm ³
WA	Minimum Effective Window Area	9.48 cm ²
SA	Surface Area	109 cm ²
MLT	Mean Length Per Turn	7.04 cm

Permeability Part Numbers

Reference Permeability	A _L Value (nH/N ²)	MS Sendust	SH High Freq. Sendust	MPP Molypermalloy	FluxSan™ Silicon Iron	Hi-Flux™ Nickle Iron	Optilloy™ Optimized Alloy
14μ	18	MS-225014-2		MP-225014-2	FS-225014-2	HF-225014-2	OP-225014-2
26μ	33	MS-225026-2	SH-225026-2	MP-225026-2	FS-225026-2	HF-225026-2	OP-225026-2
40μ	50	MS-225040-2			FS-225040-2		OP-225040-2
60μ	75	MS-225060-2	SH-225060-2	MP-225060-2	FS-225060-2	HF-225060-2	OP-225060-2
75μ	94	MS-225075-2			FS-225075-2		OP-225075-2
90μ	112	MS-225090-2			FS-225090-2		OP-225090-2
125μ	156	MS-225125-2	SH-225125-2	MP-225125-2		HF-225125-2	OP-225125-2
147μ	185	MS-225147-2		MP-225147-2		HF-225147-2	
160μ	200	MS-225160-2		MP-225160-2		HF-225160-2	
173μ	218			MP-225173-2			
205μ	259			MP-225205-2			
Approx Unit Weight:		120 g	116 g	154 g	141 g	142 g	137 g

Test Conditions

Winding	N=80, #18 AWG
Frequency	10 kHz
Voltage	0.51 V
A_L Tolerance	±8%

Coating/Packaging Information

Coating Type	Blue Epoxy
Voltage Breakdown	1000 Vrms
Unit	0.1 mA, 5 s
Package Quantity	80 Pcs/Box

Winding Table

Wire Size	AWG	8	10	12	14	16	18	20	22	24	26	28
	mm	3.150	2.500	2.000	1.600	1.250	1.000	0.800	0.630	0.500	0.400	0.315
Single Layer	Turns	27	34	43	54	68	85	106	133	166	207	259
	Rdc(Ω)	3.9 m	7.8 m	15.7 m	31.4 m	63.0 m	125.2 m	248.2 m	495.3 m	983.2 m	1.9	3.9
Full Winding	Turns	50	77	119	184	285	441	682	1,056	1,635	2,530	3,916
	Rdc(Ω)	7.2 m	17.7 m	43.6 m	107.1 m	263.9 m	649.4 m	1.6	3.9	9.7	23.8	58.7