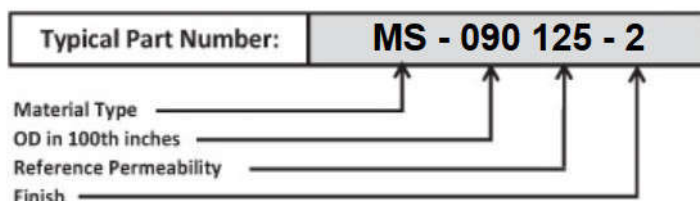
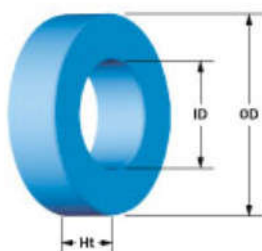


Спецификация магнитных сердечников Sendust MS-090xxx-2

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



Physical Dimensions

OD	Bare Core Nominal	22.86 mm	0.900 in
	Coated Core (max)	23.62 mm	0.930 in
ID	Bare Core Nominal	13.97 mm	0.550 in
	Coated Core (min)	13.39 mm	0.527 in
Ht	Bare Core Nominal	7.62 mm	0.300 in
	Coated Core (max)	8.38 mm	0.330 in

Magnetic Dimensions

Ae	Effective Magnetic Cross Section	0.33 cm ²
Le	Effective Magnetic Path Length	5.67 cm
Ve	Effective Core Volume	1.87 cm ³
WA	Minimum Effective Window Area	1.4 cm ²
SA	Surface Area	19.8 cm ²
MLT	Mean Length Per Turn	3.37 cm

Permeability

Part Numbers

Reference Permeability	A _L Value (nH/N ²)	Super-MSS™ Sendust	MPP Molypermalloy	FluxSan™ Silicon Iron	Hi-Flux™ Nickle Iron	Optilloy™ Optimized Alloy
14μ	9.9	MS-090014-2	MP-090014-2	FS-090014-2	HF-090014-2	OP-090014-2
26μ	19	MS-090026-2	MP-090026-2	FS-090026-2	HF-090026-2	OP-090026-2
40μ	29	MS-090040-2		FS-090040-2		OP-090040-2
60μ	43	MS-090060-2	MP-090060-2	FS-090060-2	HF-090060-2	OP-090060-2
75μ	54	MS-090075-2		FS-090075-2		OP-090075-2
90μ	65	MS-090090-2		FS-090090-2		OP-090090-2
125μ	90	MS-090125-2	MP-090125-6		HF-090125-2	OP-090125-2
147μ	106	MS-090147-2	MP-090147-2		HF-090147-2	
160μ	115	MS-090160-2	MP-090160-2		HF-090160-2	
173μ	124		MP-090173-2			
205μ	147		MP-090205-2			
Approx Unit Weight:		11 g	14 g	13 g	13 g	12 g

Test Conditions

Winding	N=80, #26 AWG
Frequency	10 kHz
Voltage	0.12 V
A _L Tolerance	±8%

Coating/Packaging Information

Coating Type	Blue Epoxy
Voltage Breakdown	1000 Vrms
Unit	0.1 mA, 5 s
Package Quantity	1,210 Pcs/Box

Winding Table

Wire Size	AWG	10	12	14	16	18	20	22	24	26	28	30
		mm	2.500	2.000	1.600	1.250	1.000	0.800	0.630	0.500	0.400	0.315
Single Layer	Turns	11	15	19	24	31	39	50	62	78	98	123
	Rdc(Ω)	1.2 m	2.6 m	5.3 m	10.6 m	21.8 m	43.7 m	89.1 m	175.8 m	351.6 m	702.7 m	1.4
Full Winding	Turns	11	18	27	42	65	101	157	243	376	581	900
	Rdc(Ω)	1.2 m	3.2 m	7.5 m	18.6 m	45.8 m	113.2 m	279.8 m	688.8 m	1.7	4.2	10.3