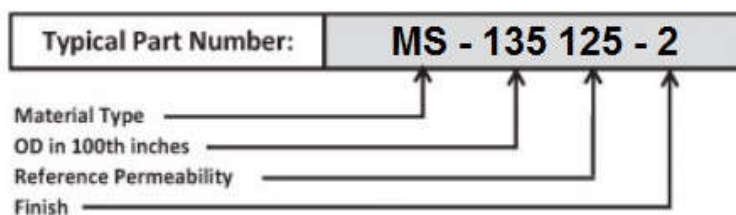
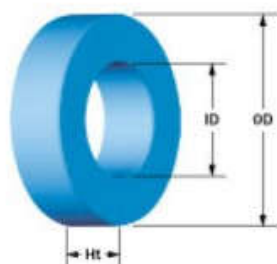


Спецификация магнитных сердечников Sendust MS-135xxx-2

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



Physical Dimensions

OD	Bare Core Nominal	34.29 mm	1.350 in
	Coated Core (max)	35.10 mm	1.382 in
ID	Bare Core Nominal	23.37 mm	0.920 in
	Coated Core (min)	22.56 mm	0.888 in
Ht	Bare Core Nominal	8.89 mm	0.350 in
	Coated Core (max)	9.83 mm	0.387 in

Magnetic Dimensions

Ae	Effective Magnetic Cross Section	0.454 cm ²
Le	Effective Magnetic Path Length	8.95 cm
Ve	Effective Core Volume	4.06 cm ³
WA	Minimum Effective Window Area	4 cm ²
SA	Surface Area	41.4 cm ²
MLT	Mean Length Per Turn	4.35 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	MS-135014-2	MP-135014-2	FS-135014-2	HF-135014-2	OP-135014-2
26μ	16	MS-135026-2	MP-135026-2	FS-135026-2	HF-135026-2	OP-135026-2
40μ	25	MS-135040-2		FS-135040-2		OP-135040-2
60μ	38	MS-135060-2	MP-135060-2	FS-135060-2	HF-135060-2	OP-135060-2
75μ	47	MS-135075-2		FS-135075-2		OP-135075-2
90μ	56	MS-135090-2		FS-135090-2		OP-135090-2
125μ	79	MS-135125-2	MP-135125-2		HF-135125-2	OP-135125-2
147μ	93	MS-135147-2	MP-135147-2		HF-135147-2	
160μ	101	MS-135160-2	MP-135160-2		HF-135160-2	
173μ	109		MP-135173-2			
205μ	130		MP-135205-2			
Approx Unit Weight:		23 g	30 g	28 g	28 g	27 g

Test Conditions

Winding	N=90, #22 AWG
Frequency	10 kHz
Voltage	0.18 V
A_L Tolerance	±8%

Coating/Packaging Information

Coating Type	Blue Epoxy
Voltage Breakdown	1000 Vrms
Unit	0.1 mA, 5 s
Package Quantity	441 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
Single Layer	Turns	16	21	27	34	43	54	68	85	107	134	167
	Rdc(Ω)	1.4 m	3.0 m	6.1 m	12.2 m	24.6 m	49.1 m	98.4 m	195.6 m	391.5 m	779.8 m	1.5
Full Winding	Turns	21	32	50	78	120	186	288	445	689	1,066	1,651
	Rdc(Ω)	1.9 m	4.5 m	11.3 m	28.1 m	68.6 m	169.2 m	416.6 m	1.0	2.5	6.2	15.3