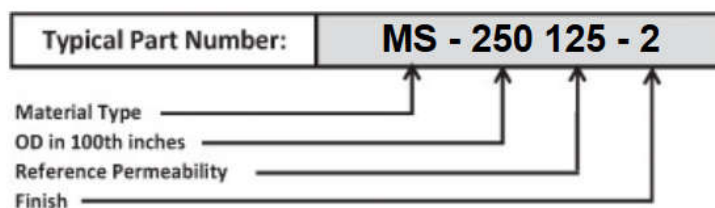
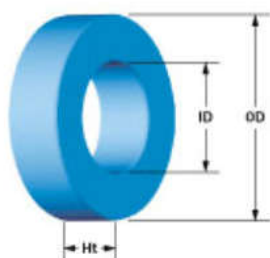


Спецификация магнитных сердечников Sendust MS-250xxx-2

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



Physical Dimensions

OD	Bare Core Nominal	63.50 mm	2.500 in
	Coated Core (max)	64.77 mm	2.550 in
ID	Bare Core Nominal	31.37 mm	1.235 in
	Coated Core (min)	30.48 mm	1.200 in
Ht	Bare Core Nominal	25.00 mm	0.984 in
	Coated Core (max)	25.90 mm	1.020 in

Magnetic Dimensions

Ae	Effective Magnetic Cross Section	3.89 cm ²
Le	Effective Magnetic Path Length	14.3 cm
Ve	Effective Core Volume	55.8 cm ³
WA	Minimum Effective Window Area	7.73 cm ²
SA	Surface Area	150 cm ²
MLT	Mean Length Per Turn	10.1 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	48	MS-250014-2		MP-250014-2	FS-250014-2	HF-250014-2	OP-250014-2
26μ	89	MS-250026-2	SH-250026-2	MP-250026-2	FS-250026-2	HF-250026-2	OP-250026-2
40μ	137	MS-250040-2			FS-250040-2		OP-250040-2
60μ	206	MS-250060-2	SH-250060-2	MP-250060-2	FS-250060-2	HF-250060-2	OP-250060-2
75μ	258	MS-250075-2			FS-250075-2		OP-250075-2
90μ	310	MS-250090-2			FS-250090-2		OP-250090-2
125μ	430	MS-250125-2	SH-250125-2	MP-250125-2		HF-250125-2	OP-250125-2
147μ	506	MS-250147-2		MP-250147-2		HF-250147-2	
160μ	550	MS-250160-2		MP-250160-2		HF-250160-2	
173μ	595			MP-250173-2			
205μ	705			MP-250205-2			
Approx Unit Weight:		323 g	312 g	416 g	379 g	383 g	371 g

Test Conditions

Winding	N=100, #18 AWG
Frequency	10 kHz
Voltage	1.7 V
A_L Tolerance	±8%

Coating/Packaging Information

Coating Type	Blue Epoxy
Voltage Breakdown	1000 Vrms
Unit	0.1 mA, 5 s
Package Quantity	27 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	23	29	37	47	59	74	93	116	145	182	227
	Rdc(Ω)	4.8 m	9.6 m	19.5 m	39.4 m	78.6 m	156.9 m	313.5 m	622.0 m	1.2	2.5	4.9
Full Winding	Turns	38	59	91	142	219	339	525	813	1,258	1,947	3,013
	Rdc(Ω)	7.9 m	19.6 m	48.0 m	119.0 m	291.9 m	718.6 m	1.8	4.4	10.7	26.4	65.0