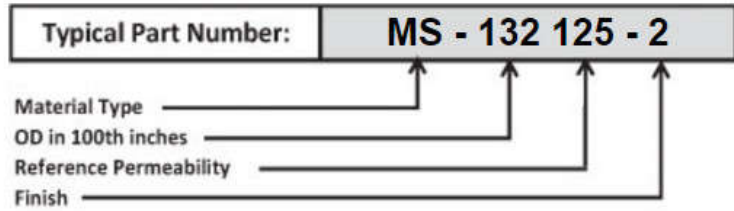
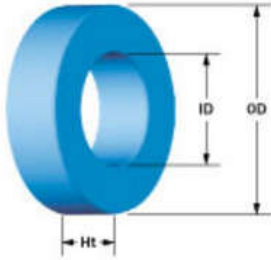


Спецификация магнитных сердечников Fluxsan FS-132xxx-2

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



Physical Dimensions

Dimension	Bare Core Nominal		Coated Core (max)	
	mm	in	mm	in
OD	33.02	1.300	33.83	1.332
	19.94	0.785	19.30	0.760
ID	11.18	0.440	11.99	0.472
Ht				

Magnetic Dimensions

Ae	Effective Magnetic Cross Section	0.698 cm ²
Le	Effective Magnetic Path Length	8.15 cm
Ve	Effective Core Volume	5.69 cm ³
WA	Minimum Effective Window Area	2.93 cm ²
SA	Surface Area	40.6 cm ²
MLT	Mean Length Per Turn	4.82 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	15	MS-132014-2		MP-132014-2	FS-132014-2	HF-132014-2	OP-132014-2
26μ	28	MS-132026-2	SH-132026-2	MP-132026-2	FS-132026-2	HF-132026-2	OP-132026-2
40μ	43	MS-132040-2			FS-132040-2		OP-132040-2
60μ	65	MS-132060-2	SH-132060-2	MP-132060-2	FS-132060-2	HF-132060-2	OP-132060-2
75μ	80.8	MS-132075-2			FS-132075-2		OP-132075-2
90μ	96.9	MS-132090-2			FS-132090-2		OP-132090-2
125μ	135	MS-132125-2	SH-132125-2	MP-132125-2		HF-132125-2	OP-132125-2
147μ	158	MS-132147-2		MP-132147-2		HF-132147-2	
160μ	172	MS-132160-2		MP-132160-2		HF-132160-2	
173μ	186			MP-132173-2			
205μ	215			MP-132205-2			
Approx Unit Weight:		33 g	32 g	42 g	39 g	39 g	38 g

Test Conditions

Winding	N=70, #22 AWG
Frequency	10 kHz
Voltage	0.22 V
A_L Tolerance	±8%

Coating/Packaging Information

Coating Type	Blue Epoxy
Voltage Breakdown	1000 Vrms
Unit	0.1 mA, 5 s
Package Quantity	448 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	14	18	22	29	36	46	58	73	91	114	142
	Rdc(Ω)	1.4 m	2.8 m	5.5 m	11.6 m	22.8 m	46.3 m	92.9 m	186.0 m	368.8 m	734.8 m	1.5
Full Winding	Turns	15	24	37	57	88	136	211	326	504	780	1,208
	Rdc(Ω)	1.5 m	3.8 m	9.3 m	22.7 m	55.7 m	137.0 m	338.1 m	830.8 m	2.0	5.0	12.4