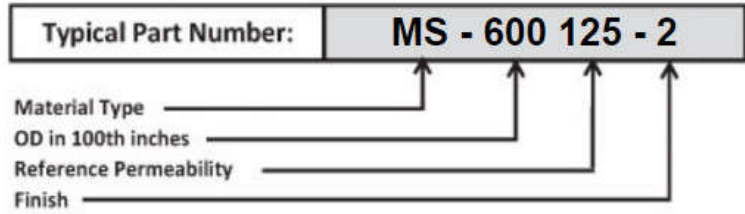
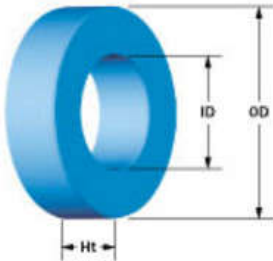


Спецификация магнитных сердечников Fluxsan FS-600xxx-2

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



Physical Dimensions

OD	Bare Core Nominal	152.40 mm	6.000 in
	Coated Core (max)	153.90 mm	6.059 in
ID	Bare Core Nominal	81.28 mm	3.200 in
	Coated Core (min)	79.65 mm	3.136 in
Ht	Bare Core Nominal	20.32 mm	0.800 in
	Coated Core (max)	21.72 mm	0.855 in

Magnetic Dimensions

Ae	Effective Magnetic Cross Section	7.05 cm ²
Le	Effective Magnetic Path Length	36 cm
Ve	Effective Core Volume	253 cm ³
WA	Minimum Effective Window Area	49.8 cm ²
SA	Surface Area	646 cm ²
MLT	Mean Length Per Turn	15.8 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	35.3	MS-600014-2		MP-600014-2	FS-600014-2	HF-600014-2	OP-600014-2
26μ	66	MS-600026-2		MP-600026-2	FS-600026-2	HF-600026-2	OP-600026-2
40μ	102	MS-600040-2			FS-600040-2		OP-600040-2
60μ	152.5	MS-600060-2		MP-600060-2	FS-600060-2	HF-600060-2	OP-600060-2
75μ	190.5	MS-600075-2			FS-600075-2		OP-600075-2
90μ	229	MS-600090-2			FS-600090-2		OP-600090-2
125μ	318	MS-600125-2		MP-600125-2		HF-600125-2	OP-600125-2
147μ	374			MP-600147-2		HF-600147-2	
160μ	407			MP-600160-2			
173μ	440			MP-600173-2			
Approx Unit Weight:		1,462 g	1,414 g	1,885 g	1,720 g	1,738 g	1,680 g

Test Conditions

Winding	N=200, #18 AWG
Frequency	10 kHz
Voltage	6.3 V
A_L Tolerance	±8%

Coating/Packaging Information

Coating Type	Blue Epoxy
Voltage Breakdown	1000 Vrms
Unit	0.1 mA, 5 s
Package Quantity	4 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	65	81	102	127	159	198	247	309	385	479	597
	Rdc(Ω)	21.1 m	41.7 m	83.6 m	165.5 m	329.4 m	652.5 m	1.3	2.6	5.1	10.1	20.0
Full Winding	Turns	261	404	625	967	1,497	2,316	3,585	5,549	8,589	13,293	20,574
	Rdc(Ω)	84.5 m	208.1 m	512.0 m	1.3	3.1	7.6	18.8	46.2	113.9	280.2	689.8