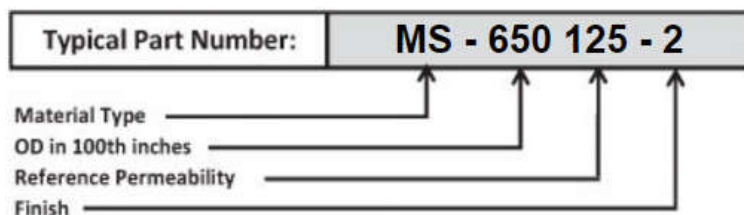
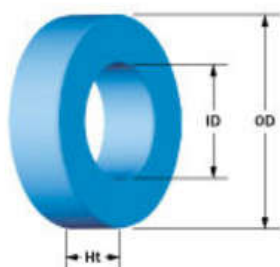


Спецификация магнитных сердечников Fluxsan FS-650xxx-2

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



Physical Dimensions

OD	Bare Core Nominal	165.10 mm	6.500 in
	Coated Core (max)	166.37 mm	6.550 in
ID	Bare Core Nominal	102.40 mm	4.031 in
	Coated Core (min)	101.13 mm	3.981 in
Ht	Bare Core Nominal	31.75 mm	1.250 in
	Coated Core (max)	33.02 mm	1.300 in

Magnetic Dimensions

Ae	Effective Magnetic Cross Section	9.87 cm ²
Le	Effective Magnetic Path Length	41.2 cm
Ve	Effective Core Volume	415 cm ³
WA	Minimum Effective Window Area	80.3 cm ²
SA	Surface Area	838 cm ²
MLT	Mean Length Per Turn	18.2 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	42	MS-650014-2			FS-650014-2		OP-650014-2
26μ	78	MS-650026-2			FS-650026-2		OP-650026-2
40μ	120	MS-650040-2					
60μ	181	MS-650060-2			FS-650060-2		OP-650060-2
Approx Unit Weight:		2,399 g	2,319 g	3,092 g	2,822 g	2,851 g	2,756 g

Test Conditions

Winding	N=100, #22 AWG
Frequency	10 kHz
Voltage	4.4 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	83	104	130	162	203	253	315	393	489	609	758
	Rdc(Ω)	31.0 m	61.8 m	122.9 m	243.7 m	485.6 m	962.5 m	1.9	3.8	7.5	14.8	29.3
Full Winding	Turns	420	651	1,007	1,559	2,413	3,734	5,780	8,946	13,846	21,429	33,167
	Rdc(Ω)	157.0 m	387.1 m	952.3 m	2.3	5.8	14.2	35.0	86.1	211.9	521.5	1.3 k