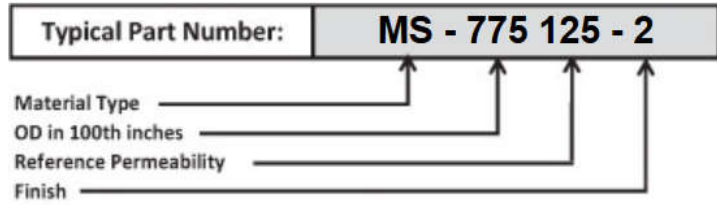
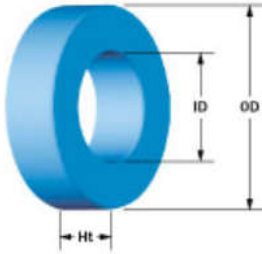


Спецификация магнитных сердечников Sendust MS-775xxx-2

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



Physical Dimensions

OD	Bare Core Nominal	196.85 mm	7.750 in
	Coated Core (max)	198.37 mm	7.810 in
ID	Bare Core Nominal	146.05 mm	5.750 in
	Coated Core (min)	144.53 mm	5.690 in
Ht	Bare Core Nominal	25.40 mm	1.000 in
	Coated Core (max)	26.92 mm	1.060 in

Magnetic Dimensions

Ae	Effective Magnetic Cross Section	6.26 cm ²
Le	Effective Magnetic Path Length	53.9 cm
Ve	Effective Core Volume	337 cm ³
WA	Minimum Effective Window Area	164 cm ²
SA	Surface Area	1140 cm ²
MLT	Mean Length Per Turn	18.0 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	20.5	MS-775014-2			FS-775014-2		OP-775014-2
26μ	38	MS-775026-2			FS-775026-2		OP-775026-2
40μ	58.5	MS-775040-2					
60μ	88	MS-775060-2			FS-775060-2		OP-775060-2
Approx Unit Weight:		1,948 g	1,883 g	2,511 g	2,292 g	2,315 g	2,238 g

Test Conditions

Winding	N=100, #18 AWG
Frequency	10 kHz
Voltage	2.8 V
A_L Tolerance	±8%

Coating/Packaging Information

Coating Type	Blue Epoxy
Voltage Breakdown	1000 Vrms
Unit	0.1 mA, 5 s
Package Quantity	3 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	120	150	187	233	291	362	451	562	700	872	1085
	Rdc(Ω)	44.4 m	88.3 m	175.0 m	346.8 m	688.9 m	1.4	2.7	5.4	10.6	21.0	41.6
Full Winding	Turns	859	1,329	2,057	3,184	4,928	7,627	11,804	18,270	28,277	43,766	67,739
	Rdc(Ω)	317.8 m	782.1 m	1.9	4.7	11.7	28.7	70.7	174.0	428.2	1.1 k	2.6 k