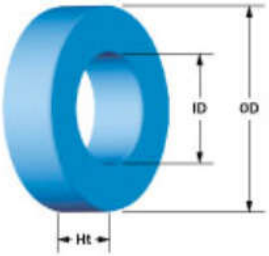
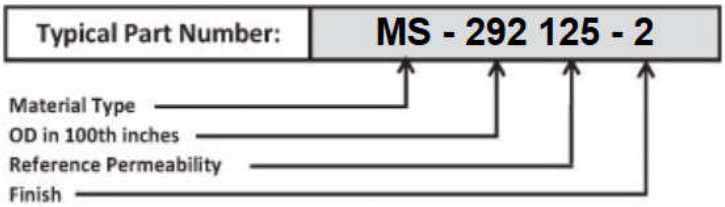
Спецификация магнитных сердечников
Sendust MS-292xxx-2

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





Physical Dimensions

OD	Bare Core Nominal	74.10 mm	2.917 in
	Coated Core (max)	75.20 mm	2.961 in
ID	Bare Core Nominal	45.30 mm	1.783 in
	Coated Core (min)	44.10 mm	1.736 in
Ht	Bare Core Nominal	35.00 mm	1.378 in
	Coated Core (max)	36.20 mm	1.425 in

Magnetic Dimensions

Ae	Effective Magnetic Cross Section	4.94 cm^2
Le	Effective Magnetic Path Length	18.4 cm
Ve	Effective Core Volume	90.9 cm^3
WA	Minimum Effective Window Area	15.3 cm^2
SA	Surface Area	228 cm^2
MLT	Mean Length Per Turn	12.6 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-292014-2		MP-292014-2	FS-292014-2	HF-292014-2	OP-292014-2
26µ	89	MS-292026-2	SH-292026-2	MP-292026-2	FS-292026-2	HF-292026-2	OP-292026-2
40µ	137	MS-292040-2			FS-292040-2		OP-292040-2
60µ	206	MS-292060-2	SH-292060-2	MP-292060-2	FS-292060-2	HF-292060-2	OP-292060-2
75µ	257	MS-292075-2			FS-292075-2		OP-292075-2
90µ	309	MS-292090-2			FS-292090-2		OP-292090-2
125µ	429	MS-292125-2	SH-292125-2	MP-292125-2		HF-292125-2	OP-292125-2
147µ	505	MS-292147-2					
160µ	549	MS-292160-2					
Approx Unit Weight:		525 g	508 g	677 g	618 g	624 g	604 g

Test Conditions

Winding	N=100, #18 AWG
Frequency	10 kHz
Voltage	2.2 V
A_L Tolerance	±8%

Coating/Packaging Information

Coating Type	Blue Epoxy
Voltage Breakdown	1000 Vrms
Unit	0.1 mA, 5 s
Package Quantity	18 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	35	44	55	69	87	109	136	170	212	264	329
	Rdc(Ω)	9.0 m	18.1 m	35.9 m	71.7 m	143.7 m	286.3 m	568.1 m	1.1	2.2	4.4	8.8
Full Winding	Turns	80	124	192	296	459	710	1,099	1,701	2,633	4,075	6,307
	Rdc(Ω)	20.7 m	50.9 m	125.4 m	307.4 m	758.0 m	1.9	4.6	11.3	27.8	68.5	168.5