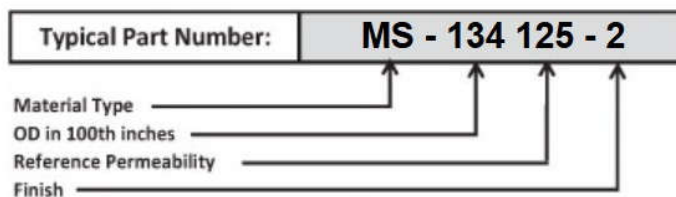
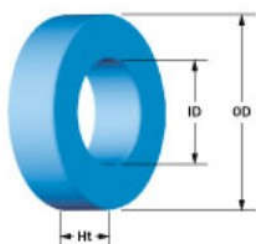


Спецификация магнитных сердечников Molypermalloy MP-134xxx-2

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



Physical Dimensions

OD	Bare Core Nominal	33.02 mm	1.300 in
	Coated Core (max)	33.83 mm	1.332 in
ID	Bare Core Nominal	19.94 mm	0.785 in
	Coated Core (min)	19.30 mm	0.760 in
Ht	Bare Core Nominal	18.00 mm	0.709 in
	Coated Core (max)	19.00 mm	0.748 in

Magnetic Dimensions

Ae	Effective Magnetic Cross Section	1.1 cm ²
Le	Effective Magnetic Path Length	8.15 cm
Ve	Effective Core Volume	8.98 cm ³
WA	Minimum Effective Window Area	2.93 cm ²
SA	Surface Area	49.1 cm ²
MLT	Mean Length Per Turn	6.22 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	23.8	MS-134014-2		MP-134014-2	FS-134014-2	HF-134014-2	OP-134014-2
26μ	44	MS-134026-2	SH-134026-2	MP-134026-2	FS-134026-2	HF-134026-2	OP-134026-2
40μ	68	MS-134040-2			FS-134040-2		OP-134040-2
60μ	102	MS-134060-2	SH-134060-2	MP-134060-2	FS-134060-2	HF-134060-2	OP-134060-2
75μ	127.5	MS-134075-2			FS-134075-2		OP-134075-2
90μ	153	MS-134090-2			FS-134090-2		OP-134090-2
125μ	214	MS-134125-2	SH-134125-2	MP-134125-2		HF-134125-2	OP-134125-2
147μ	250	MS-134147-2		MP-134147-2		HF-134147-2	
160μ	272	MS-134160-2		MP-134160-2		HF-134160-2	
173μ	294			MP-134173-2			
205μ	340			MP-134205-2			
Approx Unit Weight:		52 g	50 g	67 g	61 g	62 g	60 g

Test Conditions

Winding	N=70, #22 AWG
Frequency	10 kHz
Voltage	0.34 V
A_L Tolerance	±8%

Coating/Packaging Information

Coating Type	Blue Epoxy
Voltage Breakdown	1000 Vrms
Unit	0.1 mA, 5 s
Package Quantity	320 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	14	18	22	29	36	46	58	73	91	114	142
	Rdc(Ω)	1.8 m	3.7 m	7.1 m	14.9 m	29.4 m	59.8 m	120.0 m	240.2 m	476.2 m	948.7 m	1.9
Full Winding	Turns	15	24	37	57	88	136	211	326	504	780	1,208
	Rdc(Ω)	1.9 m	4.9 m	12.0 m	29.3 m	72.0 m	176.9 m	436.5 m	1.1	2.6	6.5	16.0