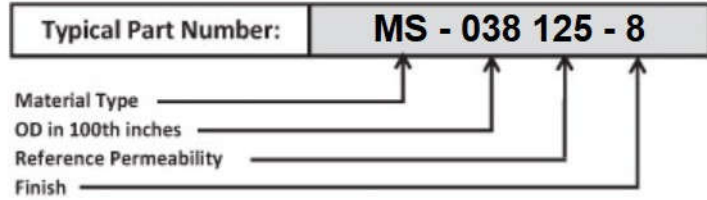
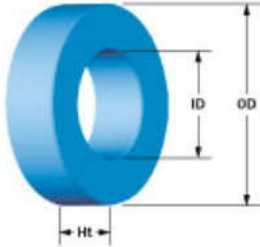


Спецификация магнитных сердечников Molypermalloy MP-038xxx-8

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



Physical Dimensions

OD	Bare Core Nominal	9.65 mm	0.380 in
	Coated Core (max)	10.29 mm	0.405 in
ID	Bare Core Nominal	4.78 mm	0.188 in
	Coated Core (min)	4.27 mm	0.168 in
Ht	Bare Core Nominal	3.96 mm	0.156 in
	Coated Core (max)	4.57 mm	0.180 in

Magnetic Dimensions

Ae	Effective Magnetic Cross Section	0.0945 cm ²
Le	Effective Magnetic Path Length	2.18 cm
Ve	Effective Core Volume	0.206 cm ³
WA	Minimum Effective Window Area	0.143 cm ²
SA	Surface Area	3.88 cm ²
MLT	Mean Length Per Turn	1.73 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	7	MS-038014-8		MP-038014-8	FS-038014-8	HF-038014-8	OP-038014-8
26μ	14	MS-038026-8	SH-038026-8	MP-038026-8	FS-038026-8	HF-038026-8	OP-038026-8
40μ	21	MS-038040-8			FS-038040-8		OP-038040-8
60μ	32	MS-038060-8	SH-038060-8	MP-038060-8	FS-038060-8	HF-038060-8	OP-038060-8
75μ	40	MS-038075-8			FS-038075-8		OP-038075-8
90μ	48	MS-038090-8			FS-038090-8		OP-038090-8
125μ	66	MS-038125-8	SH-038125-8	MP-038125-8		HF-038125-8	OP-038125-8
147μ	78	MS-038147-8		MP-038147-8		HF-038147-8	
160μ	84	MS-038160-8		MP-038160-8		HF-038160-8	
173μ	92			MP-038173-8			
205μ	109			MP-038205-8			
Approx Unit Weight:		1.2 g	1.2 g	1.5 g	1.4 g	1.4 g	1.4 g

Test Conditions

Winding	N=45, #30 AWG
Frequency	10 kHz
Voltage	0.019 V
A _L Tolerance	±8% (±12% Super-MSS)

Coating/Packaging Information

Coating Type	Parylene N
Voltage Breakdown	500 Vrms
Unit	0.1 mA, 5 s
Package Quantity	10,800 Pcs/Box

Winding Table

Wire Size	AWG	20	22	24	26	28	30	32	34	36	38	40
	mm	0.800	0.630	0.500	0.400	0.315	0.250	0.200	0.160	0.125	0.100	0.080
Single Layer	Turns	11	14	18	23	29	37	47	59	74	93	116
	Rdc(Ω)	6.3 m	12.8 m	26.2 m	53.2 m	106.8 m	216.6 m	437.6 m	873.7 m	1.7	3.5	6.9
Full Winding	Turns	10	16	25	38	59	92	142	219	339	525	813
	Rdc(Ω)	5.8 m	14.6 m	36.4 m	88.0 m	217.2 m	538.6 m	1.3	3.2	8.0	19.7	48.4