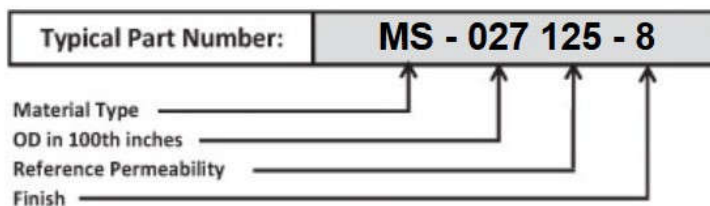
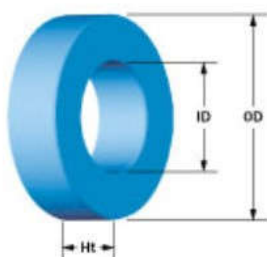


Спецификация магнитных сердечников Molypermalloy MP-027xxx-8

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



Physical Dimensions

OD	Bare Core Nominal	6.60 mm	0.260 in
	Coated Core (max)	7.24 mm	0.285 in
ID	Bare Core Nominal	2.67 mm	0.105 in
	Coated Core (min)	2.29 mm	0.090 in
Ht	Bare Core Nominal	2.54 mm	0.100 in
	Coated Core (max)	3.18 mm	0.125 in

Magnetic Dimensions

Ae	Effective Magnetic Cross Section	0.0467 cm ²
Le	Effective Magnetic Path Length	1.36 cm
Ve	Effective Core Volume	0.064 cm ³
WA	Minimum Effective Window Area	0.041 cm ²
SA	Surface Area	1.83 cm ²
MLT	Mean Length Per Turn	1.25 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	6.05	MS-027014-8		MP-027014-8	FS-027014-8	HF-027014-8	OP-027014-8
26μ	11	MS-027026-8	SH-027026-8	MP-027026-8	FS-027026-8	HF-027026-8	OP-027026-8
40μ	17	MS-027040-8			FS-027040-8		OP-027040-8
60μ	26	MS-027060-8	SH-027060-8	MP-027060-8	FS-027060-8	HF-027060-8	OP-027060-8
75μ	32	MS-027075-8			FS-027075-8		OP-027075-8
90μ	39	MS-027090-8			FS-027090-8		OP-027090-8
125μ	54	MS-027125-8	SH-027125-8	MP-027125-8		HF-027125-8	OP-027125-8
147μ	64	MS-027147-8		MP-027147-8		HF-027147-8	
160μ	69	MS-027160-8		MP-027160-8		HF-027160-8	
173μ	75			MP-027173-8			
205μ	89			MP-027205-8			
Approx Unit Weight:		0.37 g	0.36 g	0.48 g	0.44 g	0.44 g	0.42 g

Test Conditions

Winding	N=35, #32 AWG
Frequency	10 kHz
Voltage	0.007 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	21,600 Pcs/Box

Winding Table

Wire Size	AWG	26	28	30	32	34	36	38	40	42	44	-
	mm	0.400	0.315	0.250	0.200	0.160	0.125	0.100	0.080	0.063	0.050	-
Single Layer	Turns	11	14	19	24	30	38	49	61	77	96	-
	Rdc(Ω)	18.3 m	37.1 m	80.1 m	160.9 m	319.9 m	644.5 m	1.3	2.6	5.3	10.4	-
Full Winding	Turns	11	17	26	41	63	98	151	234	362	560	-
	Rdc(Ω)	18.3 m	45.1 m	109.6 m	274.9 m	671.8 m	1.7	4.1	10.0	24.7	60.8	-