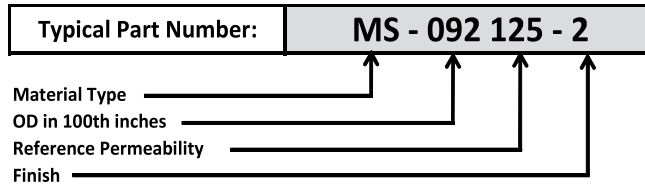
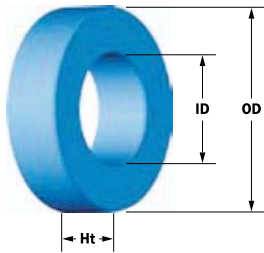


0.928 in./23.57 mm OD Toroid



Physical Dimensions

OD	Bare Core Nominal	23.57 mm	0.928 in
	Coated Core (max)	24.28 mm	0.956 in
ID	Bare Core Nominal	14.4 mm	0.567 in
	Coated Core (min)	13.77 mm	0.542 in
Ht	Bare Core Nominal	8.89 mm	0.350 in
	Coated Core (max)	9.7 mm	0.382 in

Magnetic Dimensions

Ae	Effective Magnetic Cross Section	0.388 cm ²
Le	Effective Magnetic Path Length	5.88 cm
Ve	Effective Core Volume	2.28 cm ³
WA	Minimum Effective Window Area	1.49 cm ²
SA	Surface Area	21.8 cm ²
MLT	Mean Length Per Turn	3.68 cm

Permeability

Part Numbers

Reference Permeability	A _i Value (nH/N ²)	Super-MSS™ Sendust	MPP Molypermalloy	FluxSan™ Silicon Iron	Hi-Flux™ Nickel Iron	Optilloy™ Optimized Alloy
14μ	12	MS-092014-2	MP-092014-2	FS-092014-2	HF-092014-2	OP-092014-2
26μ	22	MS-092026-2	MP-092026-2	FS-092026-2	HF-092026-2	OP-092026-2
40μ	34	MS-092040-2		FS-092040-2		OP-092040-2
60μ	51	MS-092060-2	MP-092060-2	FS-092060-2	HF-092060-2	OP-092060-2
75μ	63	MS-092075-2		FS-092075-2		OP-092075-2
90μ	76	MS-092090-2		FS-092090-2		OP-092090-2
125μ	105	MS-092125-2	MP-092125-2		HF-092125-2	OP-092125-2
147μ	124		MP-092147-2		HF-092147-2	
160μ	135		MP-092160-2		HF-092160-2	
173μ	146		MP-092173-2			
205μ	173		MP-092205-2			
250μ	211		MP-092250-2			
Approx. Unit Weight:		13 g	17 g	15 g	16 g	15 g

Test Conditions

Winding	N=80, #26 AWG
Frequency	10 kHz
Voltage	0.14 V
A_i Tolerance	±8%

Coating/Packaging Information

Coating Type	Blue Epoxy
Voltage Breakdown	1000 Vrms
Limit	0.1 mA, 5 s
Package Quantity	1,089 Pcs/Box (968: MP, HF, OP)

Winding Table

Wire Size	AWG	10	12	14	16	18	20	22	24	26	28	30
	mm	2.500	2.000	1.600	1.250	1.000	0.800	0.630	0.500	0.400	0.315	0.250
Single Layer	Turns	12	15	20	25	32	40	51	64	80	101	126
	Rdc(Ω)	1.4 m	2.9 m	6.1 m	12.1 m	24.6 m	49.0 m	99.3 m	198.2 m	394.0 m	791.0 m	1.6
Full Winding	Turns	12	19	29	45	69	107	166	257	397	615	952
	Rdc(Ω)	1.4 m	3.6 m	8.8 m	21.8 m	53.1 m	131.0 m	323.2 m	795.8 m	2.0	4.8	11.9