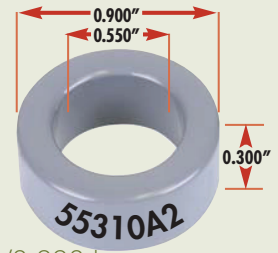


22.9 mm O.D.

14.0 mm I.D. x 7.62 mm HT.



Core Dimensions (after finish)

O.D. (max.) 23.6 mm/0.930 in I.D. (min.) 13.34 mm/0.525 in HT. (max.) 8.38 mm/0.330 in

Permeability (μ)	$A_L \pm 8\%$	Part Number				Nominal DC Resistance Ohms/mH*	B/NI Gauss per Amp. Turn*
		MPP	High Flux	Kool M μ	XFLUX		
14	9.9	55313	58313	-	-	0.754	3.11 (<1500 gauss)
26	19	55312	58312	77312	-	0.393	5.77 (<1500 gauss)
40	29	-	-	77316	-	-	-
60	43	55059	58059	77059	78059	0.174	13.3 (<1500 gauss)
75	54	-	-	77315	-	-	-
90	65	-	-	77314	-	-	-
125	90	55310	58310	77310	-	0.083	27.8 (<1500 gauss)
147	106	55309	58309	-	-	0.074	32.6 (<1500 gauss)
160	115	55308	58308	-	-	0.0649	35.5 (<1500 gauss)
173	124	55304	-	-	-	0.0602	38.4 (<1500 gauss)
200	144	55307	-	-	-	0.0518	44.4 (<600 gauss)
300	216	55305	-	-	-	0.0345	66.6 (<300 gauss)
550	396	55306	-	-	-	0.0188	122 (< 50 gauss)

* These values are only applicable for MPP Cores

Physical Characteristics

Window Area	141 mm ²	277,700 c.mils
Cross Section	31.7 mm ²	0.0513 in ²
Path Length	56.7 mm	2.23 in
Volume	1800 mm ³	0.114 in ³
Weight- MPP	15.9 gm	0.034 lb
Weight- High Flux	15.0 gm	0.032 lb
Weight- Kool M μ	11.5 gm	0.025 lb
Weight- XFLUX	13.5 gm	0.030 lb
Area Product	0.467 cm ⁴	0.01119 in ⁴

Winding Turn Length

WINDING FACTOR	LENGTH/TURN	
100% (Unity)	4.29 cm	0.1405 ft
60%	3.67 cm	0.1203 ft
40%	3.07 cm	0.1005 ft
20%	2.80 cm	0.0919 ft
0%	2.70 cm	0.0886 ft

* Reference General Winding Data pages

Wound Coil Dimensions

Max. O.D. (u.w.f.)	32.6 mm	1.283 in
Max. HT. (u.w.f.)	19.8 mm	0.778 in

Surface Area

Unwound Core	15.7 cm ²	2.43 in ²
40% Winding Factor	23.8 cm ²	3.69 in ²

Kool M μ Permeability vs. DC Bias

