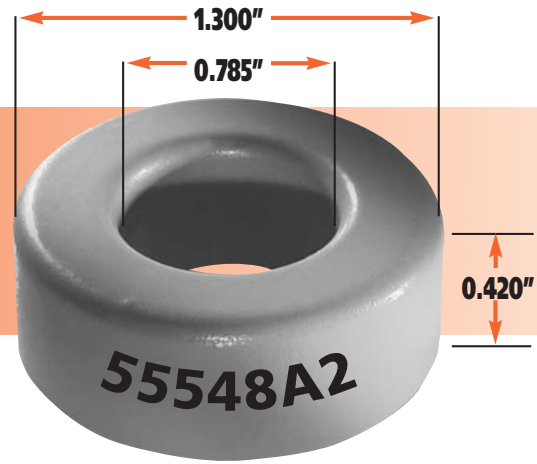


33.0 mm O.D.

19.9 mm I.D. x 10.7 mm HT.



Core Dimensions (after finish)

O.D. (max.)	33.8 mm	1.330 in
I.D. (min.)	19.30 mm	0.760 in
HT. (max.)	11.43 mm	0.450 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		
14	14	55551	58551	-	0.335	2.16 (<1500 gauss)
26	28	55550	58550	77550	0.167	4.00 (<1500 gauss)
60	61	55071	58071	77071	0.0768	9.24 (<1500 gauss)
75	76	-	-	77553	-	-
90	91	-	-	77552	-	-
125	127	55548	58548	77548	0.0369	19.3 (<1500 gauss)
160	163	55546	58546	-	0.0287	24.6 (<1500 gauss)
200	203	55545	-	-	0.0230	30.8 (<600 gauss)
300	305	55543	-	-	0.0153	46.2 (<300 gauss)
550	559	55544	-	-	0.0083	84.7 (<50 gauss)

Physical Characteristics

Window Area	2.93 cm ²	577,600 c.mils
Cross Section	0.672 cm ²	0.1042 in ²
Path Length	8.15 cm	3.21 in
Volume	5.48 cm ³	0.334 in ³
Weight- MPP	46.9 gm	0.106 lb
Weight- High Flux	44.2 gm	0.100 lb
Weight- Kool M μ	33.7 gm	0.074 lb
Area Product	1.969 cm ⁴	0.0473 in ⁴

Winding Turn Length

WINDING FACTOR	LENGTH/TURN	
100% (Unity)	5.93 cm	0.1943 ft
60%	5.09 cm	0.1668 ft
40%	4.27 cm	0.1400 ft
20%	3.91 cm	0.1282 ft
0%	3.78 cm	0.1238 ft

Wound Coil Dimensions

Max. O.D. (u.w.f.)	46.7 mm	1.840 in
Max. HT. (u.w.f.)	28.0 mm	1.103 in

Surface Area

Unwound Core	31.5 cm ²	4.88 in ²
40% Winding Factor	48.0 cm ²	7.44 in ²

AWG Wire Size	Turns (u.w.f.)	Rdc (Ohms, Ω) (u.w.f.)	Single Layer Turns	Single Layer Rdc. (Ohms, Ω)
8	32	0.00393	15	0.00117
9	40	0.00618	17	0.00166
10	50	0.00976	19	0.00236
11	63	0.01544	22	0.00343
12	79	0.0244	25	0.0055
13	99	0.0384	28	0.00693
14	123	0.0604	32	0.00999
15	154	0.0949	36	0.0142
16	193	0.1504	41	0.0204
17	239	0.234	46	0.0288
18	298	0.37	52	0.0411
19	370	0.579	58	0.0578
20	462	0.909	65	0.0815
21	578	1.437	74	0.118
22	713	2.24	83	0.166
23	889	3.5	92	0.231
24	1100	5.49	103	0.328
25	1359	8.56	116	0.465
26	1699	13.53	130	0.66
27	2139	21.4	145	0.922

Core Data

* These values are only applicable for MPP Cores.

