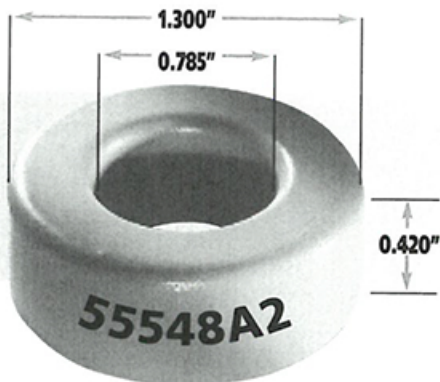


33.0mm OD

19.9mm ID x 10.7mm 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		
		MPP	High Flux	Kool M μ
14	14	55551-A2	58551-A2	-
26	28	55550-A2	58550-A2	77550-A7
60	61	55071-A2	58071-A2	77071-A7
75	76	-	-	77553-A7
90	91	-	-	77552-A7
125	127	55548-A2	58548-A2	77548-A7
147	150	55547-A2	58547-A2	-
160	163	55546-A2	58546-A2	-
173	176	55542-A2	-	-
200	203	55545-A2	-	-
300	305	55543-A2	-	-
550	559	55544-A2	-	-

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

