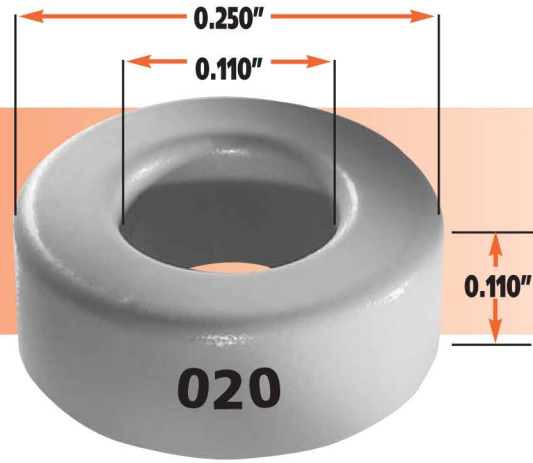


6.35 mm O.D.

2.79 mm I.D. x 2.79 mm HT.



Core Dimensions (after finish)

O.D. (max.)	6.99 mm	0.275 in
I.D. (min.)	2.29 mm	0.090 in
HT. (max.)	3.43 mm	0.135 in

Permeability (μ)	$A_L \pm 8\%$ Kool M μ $A_L \pm 12\%$	Part Number			Nominal DC Resistance Ohms/mH*	B/NI Gauss per Amp. Turn*
		MPP	High Flux	Kool M μ		
14	6	55023	58023	-	14.4	12.9 (<1500 gauss)
26	10	55022	58022	-	8.65	24 (<1500 gauss)
60	24	55021	58021	77021	3.6	55.4 (<1500 gauss)
75	30	-	-	77825	-	-
90	36	-	-	77824	-	-
125	50	55020	58020	77020	1.73	116 (<1500 gauss)
160	64	55018	58018	-	1.35	148 (<1500 gauss)
200	80	55017	-	-	1.08	185 (<600 gauss)
300	120	55015	-	-	0.72	277 (<300 gauss)
550	220	55016	-	-	0.39	508 (<50 gauss)

Physical Characteristics

Window Area	0.0412 cm ²	8,100 c.mils
Cross Section	0.0470 cm ²	0.00729 in ²
Path Length	1.361 cm	0.536 in
Volume	0.0640 cm ³	0.00391 in ³
Weight- MPP	0.588 gm	0.0013 lb
Weight- High Flux	0.553 gm	0.0012 lb
Weight- Kool M μ	0.393 gm	0.0009 lb
Area Product	0.0019 cm ⁴	0.000046 in ⁴

Winding Turn Length

WINDING FACTOR	LENGTH/TURN	
100% (Unity)	1.348 cm	0.0442 ft
60%	1.273 cm	0.0417 ft
40%	1.200 cm	0.0394 ft
20%	1.168 cm	0.0383 ft
0%	1.156 cm	0.0379 ft

Wound Coil Dimensions

Max. O.D. (u.w.f.)	8.81 mm	0.347 in
Max. HT. (u.w.f.)	5.38 mm	0.212 in

Surface Area

Unwound Core	1.68 cm ²	0.260 in ²
40% Winding Factor	2.2 cm ²	0.341 in ²

AWG Wire Size	Turns (u.w.f.)	Rdc (Ohms, Ω) (u.w.f.)	Single Layer Turns	Single Layer Rdc. (Ohms, Ω)
26	24	0.0432	12	0.0186
27	30	0.0682	14	0.0273
28	37	0.1063	16	0.0395
29	45	0.1635	18	0.0554
30	56	0.259	21	0.0828
31	69	0.401	23	0.114
32	84	0.604	26	0.16
33	105	0.953	30	0.235
34	133	1.54	34	0.336
35	165	2.42	38	0.477
36	204	3.74	44	0.691
37	249	5.64	48	0.931
38	312	8.92	54	1.33
39	401	15.01	62	1.99
40	506	24	71	2.87
41	623	36.4	80	4
42	794	58.3	91	5.72
43	964	91.2	101	8.19
44	1110	127	110	10.8
45	1528	226	128	16.2

* These values are only applicable for MPP Cores.