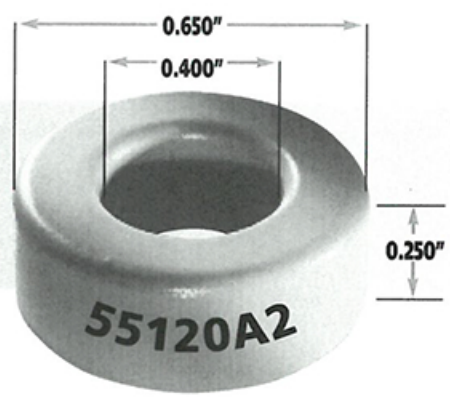


16.5mm OD

10.2mm ID x 6.35mm HT



Core Dimensions (after finish)

O.D. (max.)	17.40 mm	0.680 in
I.D. (min)	9.53 mm	0.375 in
HT. (max.)	7.11 mm	0.280 in

Permeability (μ)	$A_L \pm 8\%$	Part Number		
		MPP	High Flux	Kool Mu
14	8	55123-A2	58123-A2	-
26	15	55122-A2	58122-A2	-
60	35	55121-A2	58121-A2	77121-A7
75	43	-	-	77225-A7
90	52	-	-	77224-A7
125	72	55120-A2	58120-A2	77120-A7
147	88	55119-A2	58119-A2	-
160	92	55118-A2	58118-A2	-
173	104	55114-A2	-	-
200	115	55117-A2	-	-
300	173	55115-A2	-	-
550	317	55116-A2	-	-

Physical Characteristics

Window Area	0.713 cm ²	140,600 c.mils
Cross Section	0.1920 cm ²	0.0298 in ²
Path Length	4.11 cm	1.619 in
Volume	0.789 cm ³	0.048 in ³
Weight- MPP	6.78 gm	0.015 lb
Weight- High Flux	6.34 gm	0.014 lb
Weight- Kool Mu	4.98 gm	0.011 lb
Area Product	0.1369 cm ⁴	0.0029 in ⁴

Winding Turn Length

WINDING FACTOR	LENGTH/TURN	
100% (Unity)	3.22 cm	0.1057 ft
60%	2.82 cm	0.0926 ft
40%	2.44 cm	0.0798 ft
20%	2.26 cm	0.0742 ft
0%	2.20 cm	0.0721 ft

Wound Coil Dimensions

Max. O.D. (u.w.f.)	23.7 mm	0.932 in
Max. HT. (u.w.f.)	15.2 mm	0.599 in

Surface Area

Unwound Core	9.2 cm ²	1.43 in ²
40% Winding Factor	13.6 cm ²	2.11 in ²

AWG Wire Size	Turns (u.w.f.)	Rdc (Ohms, Ω) (u.w.f.)	Single Layer Turns	Single Layer Rdc. (Ohms, Ω)
13	24	0.00508	12	0.00174
14	30	0.008	14	0.00254
15	37	0.01257	16	0.00366
16	47	0.01992	18	0.00522
17	58	0.031	21	0.00765
18	72	0.049	24	0.0111
19	90	0.0767	27	0.0157
20	113	0.1205	30	0.0219
21	141	0.1903	34	0.0314
22	174	0.297	39	0.0455
23	216	0.464	44	0.0644
24	268	0.728	49	0.0906
25	331	1.133	56	0.131
26	414	1.792	63	0.189
27	521	2.83	70	0.26
28	639	4.41	78	0.368
29	781	6.79	87	0.51
30	977	10.74	98	0.735
31	1202	16.64	108	1.02
32	1465	25.1	121	1.41

Core Data

