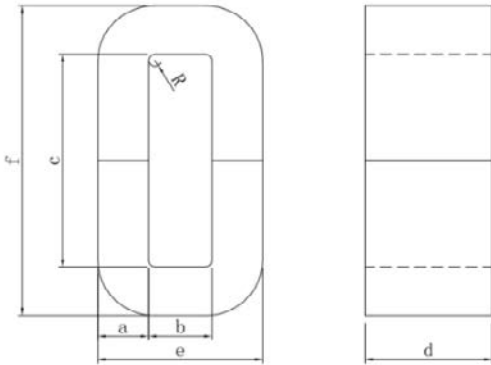


Amorphous C-Cores

DATA SHEET



Part Number	a (mm)	+/-	b (mm)	c (mm)	d (mm)	+/-	e (mm)	+/-	f (mm)	+/-	Lm (cm)	Ac (cm ²)	Wa (cm ²)	WaAc (cm ⁴)	Mass (g)
CACC-4	9	0.5	10	32.8	15	0.5	28	1.5	50.8	1.5	11.2	1.20	3.3	3.9	97
CACC-4B	9	0.5	11	33	15	0.5	29	1.5	51	1.5	11.5	1.20	3.6	4.4	99
CACC-6.3	10	0.5	11	33	20	0.5	31	1	53	2	11.8	1.78	3.6	6.5	150
CACC-8	11	0.8	13	30	20	0.5	35	1	52	2	11.9	1.96	3.9	7.6	167
CACC-9	11	0.8	13	37	20	0.5	35	1	59	2	13.1	1.96	4.8	9.4	184
CACC-10	11	0.8	13	40	20	0.5	35	1	62	2	13.7	1.96	5.2	10.2	193
CACC-11	11	0.8	14.5	38	20	0.5	36.5	1	60	2	13.6	1.96	5.5	10.8	191
CACC-12	8	0.5	14	31	40	1	30	1	47	1.5	11.2	2.85	4.3	12.4	228
CACC-16A	11	0.8	13	40	25	0.5	35	1	62	2	13.7	2.45	5.2	12.7	241
CACC-16B	11	0.8	13	50	25	0.5	35	1	72	2	15.7	2.45	6.5	15.9	276
CACC-20	11	0.8	13	50	30	0.5	35	1	72	2	15.7	2.94	6.5	19.1	331
CACC-20B	11	0.8	13.6	50	30	0.5	35.6	1	72	2	15.8	2.94	6.8	20.0	334
CACC-20C	11	0.8	13.3	50	30	0.5	35.3	1	72	2	15.8	2.94	6.7	20.0	333
CACC-20D	11.7	0.8	14	50	30	0.5	37.4	1	73.4	2	16.1	3.17	7.0	22.2	368
CACC-20E	11	0.8	14	50	30	0.5	36	1	72	2	15.8	2.94	7.0	20.2	336
CACC-21	11	0.8	17	32	40	1	39	1	54	2	12.9	3.92	5.4	21.3	363
CACC-21B	10	0.5	17	32	40	1	39	1	52	2	12.6	3.5	5.4	19	322
CACC-25	13	0.8	15	56	25	0.5	41	1	82	2	17.9	2.89	8.4	24.3	372
CACC-25B	13.5	0.8	16	56	25	0.5	43	1	83	2	18.3	3	9	27	394
CACC-26	16	1	40	45	20	0.5	72	1	77	2	21.7	2.85	18	51.3	443
CACC-26B	16	1	20	50	20	0.5	52	1	82	2	18.7	2.85	10	28.5	382
CACC-30	8	0.5	20	54	40	1	36	1	70	2	17	2.85	10.8	30.8	347

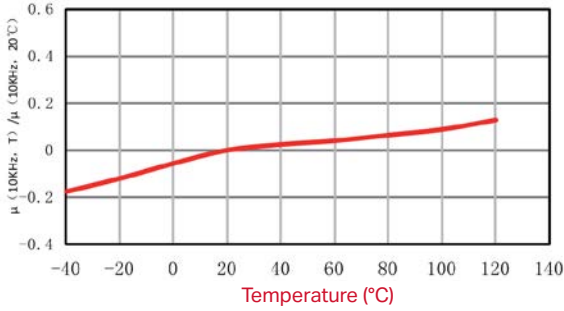
Part Number	a (mm)	+/-	b (mm)	c (mm)	d (mm)	+/-	e (mm)	+/-	f (mm)	+/-	Lm (cm)	Ac (cm ²)	Wa (cm ²)	WaAc (cm ⁴)	Mass (g)
CACC-31	10	0.5	15.4	53.6	30	0.5	35.4	1	73.6	2	16.6	2.67	8.3	22	318
CACC-32	13	0.8	15	56	30	0.5	41	1	82	2	17.9	3.47	8.4	29.2	447
CACC-32B	13	0.8	15.2	56	30	0.5	41.2	1	82	2	18	3.47	8.5	29.5	448
CACC-32C	13	0.8	15.6	56	30	0.5	41.6	1	82	2	18.1	3.47	8.7	30.3	450
CACC-32D	13	0.8	15.3	56	30	0.5	41.3	1	82	2	18	3.47	8.6	30	449
CACC-32E	13.5	0.8	16	56	30	0.5	43	1	83	2	18.3	3.64	8.96	32.6	478
CACC-33	10	0.5	20	56	40	1	40	1	78	2	18	3.56	11.6	41.3	460
CACC-34	15	0.8	30	60	25	0.5	60	1	90	2	22.4	3.34	18	60.1	536
CACC-35	13	0.8	15	61	30	0.5	41	1	87	2	18.9	3.47	9.2	31.8	472
CACC-39	16	1	20	43	30	0.5	52	1	75	2	17.3	4.27	8.6	37	530
CACC-40	13	0.8	15	56	35	0.5	41	1	82	2	17.9	4.05	8.4	34	521
CACC-40C	13	0.8	16	56	35	0.5	42	1	82	2	18.1	3.98	9	35.6	527
CACC-40D	14	0.8	16	56	35	0.5	44	1	84	2	18.5	4.35	9	39	578
CACC-50	16	1	20	70	25	0.5	52	1	102	3	22.7	3.56	14	49.8	580
CACC-60	14.4	0.8	31.2	52	30	0.5	60	1	80.8	2	20.8	3.84	16.2	62.4	574
CACC-60B	16	1	20	60	35	1	52	1	92	2	20.7	4.98	12	59.8	740
CACC-63	16	1	20	70	30	0.5	52	1	102	3	22.7	4.27	14	59.8	695
CACC-64	16	1	20	43	45	1	52	1	75	2	17.3	6.41	8.6	55.1	795
CACC-64B	14	0.8	20	48	45	1	48	1	76	2	17.7	5.61	9.6	53.8	710
CACC-65	16	1	20	58	45	1	52	1	90	2	20.3	6.41	11.6	74.3	933
CACC-70	20	1	40	60	30	0.5	80	1	100	3	25.9	5.34	24	128.2	994
CACC-70B	10.5	0.5	15	125	40	1	36	1	146	3	30.9	3.7	18.8	70	838
CACC-71	14.4	0.5	31.2	62	30	0.5	60	1	90.8	2	22.8	3.84	19.3	74.4	630
CACC-74	20	1	26	63	30	0.5	66	1	103	3	23.7	5.34	16.4	87.5	910
CACC-80	16	1	20	70	40	1	52	1	102	3	22.7	5.7	14	79.7	927
CACC-84	12	0.8	30	60	20	0.5	54	1	84	2	21.4	2.14	18	38.4	328
CACC-95	15	0.8	60	64	15	0.5	90	1	94	2	29.2	2	38.4	76.9	419
CACC-100	16	1	20	70	45	1	52	1	102	3	22.7	6.41	14	89.7	1043
CACC-110	16	1	25	75	45	1	57	1	107	3	24.7	6.41	18.8	120.2	1135
CACC-117	20	1	35	77	20	0.5	75	1	117	3	28.3	3.56	27	95.9	724
CACC-117B	15.5	1	20	74	55	1	51	1	105	3	23.3	7.59	14.8	112	1282
CACC-118	20	1	32	80	20	0.5	72	1	120	3	28.3	3.56	25.6	91.1	724
CACC-119	16	1	20	70	60	1	52	1	102	3	22.7	8.5	14	119	1391
CACC-120	14.4	0.8	41.2	70	30	0.5	70	1	98.8	2	26.4	3.84	28.8	110.9	729
CACC-125	19	1	25	83	35	0.5	63	1	121	3	27.2	5.92	20.8	122.8	1157
CACC-128	22	1	35	84	25	0.5	79	1	128	4	30.4	4.9	29.4	143.9	1067
CACC-130	19.4	1	41.2	80	30	0.5	80	1	118.8	3	30	5.18	33	170.7	1115
CACC-135	20	1	40	92	30	0.5	80	1	132	4	32.3	5.34	36.8	196.5	1240
CACC-136	30	1	15	114	30	0.5	75	1	174	4	34.9	7.95	17.1	136	1995

Part Number	a (mm)	+-	b (mm)	c (mm)	d (mm)	+-	e (mm)	+-	f (mm)	+-	Lm (cm)	Ac (cm ²)	Wa (cm ²)	WaAc (cm ⁴)	Mass (g)
CACC-137	10.5	0.5	35	105	40	1	56	1	126	3	31	3.74	36.8	137	831
CACC-140	26	1	45	88	30	0.5	97	1	140	4	34.4	6.86	39.6	271.8	1696
CACC-140A	26	1	45	88	40	1	97	1	140	4	34.4	8.94	39.6	354.2	2210
CACC-157	20	1	20	80	55	1	60	1	120	3	25.9	9.79	16	157	1864
CACC-160	19	1	25	83	40	1	63	1	121	3	27.2	6.76	20.8	140.4	1322
CACC-168S	20.4	1	30	154.2	20	0.5	70.8	1	195	4	42.9	3.63	46.3	168	1118
CACC-170*	16.5	1	40	72	40	1	73	1	105	3	27.2	5.87	28.8	169	1148
CACC-180	25	1	35	65	30	0.5	85	1	115	3	27.5	6.68	22.8	151.9	1318
CACC-180B	22	1	35	105	25	0.5	79	1	149	4	34.6	4.9	36.8	180	1215
CACC-181	25.4	1	50	63	25	0.5	108	1	114	3	30.5	5.6	32.2	181	1237
CACC-191	30	1	40	60	30	0.5	100	1	120	3	29.1	7.95	24	191	1665
CACC-193	40	1	50	113	40	1	130	2	193	4	44.7	13.92	56.5	786.5	4462
CACC-200	19	1	25	83	50	1	63	1	121	3	27.2	8.46	20.8	175.4	1652
CACC-200B	14	0.8	35	93	68.3	1	63	1	121	3	29.7	8.51	32.6	277	1811
CACC-210	40	1	50	130	50	1	130	1	210	4	48.1	17.4	65	1131	6002
CACC-213	29	1	30	95	30	0.5	88	1	153	4	33.8	7.74	28.5	221	1856
CACC-245	16.5	1	38	74	60	1	71	1	107	3	27.2	8.81	28.1	247.8	1723
CACC-250	19	1	25	90	60	1	63	1	128	3	28.6	10.15	22.5	228.3	2085
CACC-270	20	1	30	70	60	1	70	1	110	3	25.9	10.68	21	224.3	1988
CACC-275	25	1	35	78	50	1	85	1	128	3	30.1	11.13	27.3	303.7	2404
CACC-310	25	1	82	90	25	0.5	132	2	140	4	41.7	5.56	73.8	410.5	1667
CACC-315	25	1	78	100	25	0.5	128	2	150	4	43.1	5.56	78	433.9	1721
CACC-320	22	1	35	85	50	1	79	1	129	4	30.6	9.79	29.8	291.3	2148
CACC-320B	22	1	35	105	50	1	79	1	149	4	34.6	9.79	36.8	359.8	2429
CACC-340	26	1	80	104	30	0.5	132	2	156	4	44.5	6.86	83.2	571.1	2190
CACC-367S	25.8	1	67	97.8	25	0.5	118.6	1.5	149.4	4	40.6	5.68	65.5	371.9	1652
CACC-380	30	1	86	95	30	0.5	146	2	155	4	45.1	7.92	81.7	647.1	2565
CACC-385	19.8	1	35	89.5	70	1	74.6	1	129.1	3	30.8	12.34	31.3	386.4	2725
CACC-400	22	1	35	85	65	1	79	1	129	3	30.4	12.73	29.8	378.6	2777
CACC-410	32	1	50	113	40	1	114	1	177	4	42.1	11.26	56.5	636.4	3407
CACC-415	22	1	46	72	80	1.5	90	1	116	3	30	15.66	33.1	518.8	3373
CACC-435	28	1	70	126	20	0.5	126	2	182	4	47.7	4.93	88.2	434.6	1686
CACC-455	17	1	40	84	90	1.5	74	1	118	3	29.8	13.62	33.6	457.5	2912
CACC-500	25	1	40	85	55	1	90	1	135	3	32.3	12.24	34	416.1	2841
CACC-509B	23.7	1	25	78	40	1	72.4	1	125.4	3	27.7	8.44	19.5	164.5	1678
CACC-520	17	1	40	84	90	1.5	74	1	118	3	29.8	13.62	33.6	457.5	2912
CACC-570A	25	1	40	100	45	1	90	1	150	3	35.5	9.9	40	396	2523
CACC-570B	25	1	40	100	50	1	90	1	150	3	35.5	11	40	440	2804
CACC-587	50	1	20	110	60	1	120	2	210	4	41.2	26.5	22	587	7895
CACC-630	25	1	40	85	70	1	90	1	135	4	32.3	15.58	34	529.6	3615

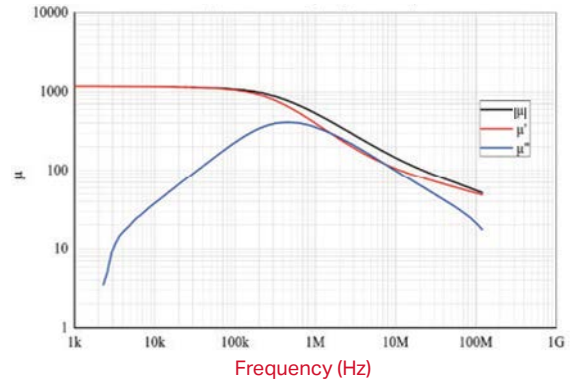
Part Number	a (mm)	+-	b (mm)	c (mm)	d (mm)	+-	e (mm)	+-	f (mm)	+-	Lm (cm)	Ac (cm ²)	Wa (cm ²)	WaAc (cm ⁴)	Mass (g)
CACC-640	32	1	74	118	40	1	138	2	182	4	47.9	11.26	87.3	983.6	3876
CACC-650	40	1	40	115	40	1	120	2	195	4	43.1	13.92	46	640.3	4302
CACC-660	40	1	80	80	40	1	160	2	160	4	44.1	13.92	64	890.9	4402
CACC-664	33	1	40	208	85	1.5	106	1.5	274	5	59.5	24.68	83.2	2054	10535
CACC-800A	25	1	40	85	85	1.5	90	1	135	4	32.3	18.91	34	643	4390
CACC-800B	30	1	40	95	85	1.5	100	1	155	4	35.9	22.44	38	852.7	5784
CACC-802	32	1	60	118	40	1	124	1.5	182	4	45.3	11.2	70.8	802	3704
CACC-836	25	1	50	126	60	1	100	1	176	4	42.5	13.3	63	836	4054
CACC-887	30	1	80	140	30	0.5	140	2	200	4	52.9	7.92	112	887	3008
CACC-905	32	1	54	118	50	1	118	1	182	4	44.1	14.08	63.7	897.2	4458
CACC-920	21.5	1	60	90	90	1.5	103	1	133	3	36.1	17.22	54	929.9	4470
CACC-1000	33	1	40	105	85	1.5	106	1.5	171	5	38.9	24.68	42	1037	6884
CACC-1050	40	1	50	100	70	1	130	2	180	5	42.1	24.36	50	1218	7353
CACC-1200	40	1	79	130	70	1	159	2	210	4	53.9	24.36	102.7	2502	9417
CACC-1218	50	1	50	160	35	0.5	150	2	260	5	57.2	15.3	80	1218	6377
CACC-1300	40	1	86	150	70	1	166	2	230	4	59.3	24.36	129	3142	10362
CACC-1400	40	1	64	120	80	1.5	144	2	200	4	48.9	27.84	76.8	2138	9763
CACC-1500	40	1	64	160	80	1.5	144	2	240	5	56.9	27.84	102.4	2851	11362
CACC-1600	45	1	45	145	95	1.5	135	2	235	5	51.6	36.98	65.3	2413	13703
CACC-1725	63.5	1	38.1	97.8	90	1.5	165.1	2	224.8	4	46.8	49.15	37.3	1831	16507
CACC-1750	61	1	45	140	70	1	167	2	262	4	55.6	36.72	63	2314	14670
CACC-1800	33	1	75	240	60	1	141	2	306	5	72.5	17.42	180	3136	9070
CACC-2000	60	1	60	150	35	0.5	180	2	270	4	60.3	18.06	90	1625	7822
CACC-2950	28	1	78	128	120	1.5	134	2	184	3	49.7	29.23	99.8	2919	10419
CACC-3604	40	1	64	200	80	1	144	2	280	4	64.9	27.84	128	3564	12961
CACC-10000	75	1	50	150	144	1.5	200	3	300	5	62.9	92.88	75	6966	41923
CACC-18855	80	1	100	193	142	1.5	260	3	353	5	82.6	97.8	193	18855	59008
CACC-25000	80	1	60	180	80	1.5	220	3	340	5	72.6	55.04	108	5944	28694
CACC-30000	75	1	72	385	75	1	222	3	535	5	114.4	48.38	277.2	13410	39748

Typical electromagnetic performance curve

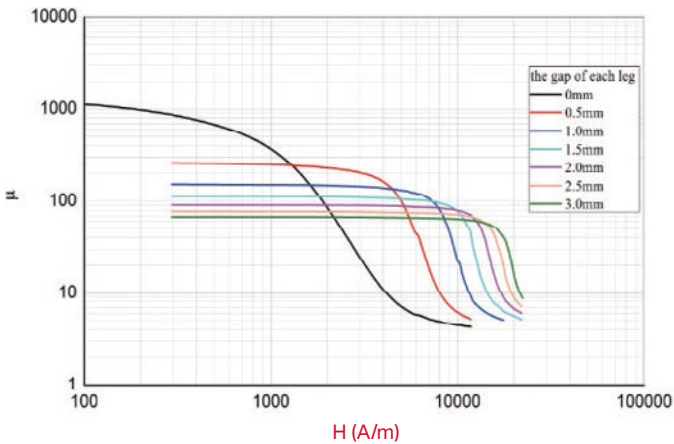
Relative change of μ vs temperature



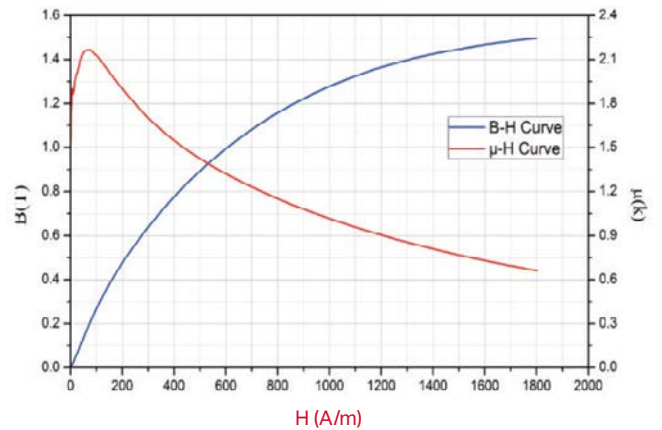
Permeability Curve with Frequency of Amorphous CACC Cores



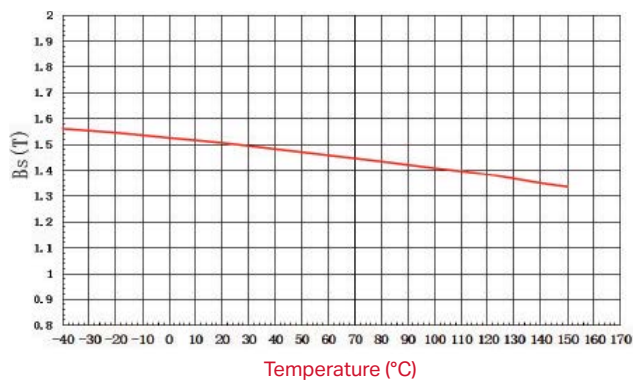
The DC-Bias Curve of Amorphous CACC Cores



The B-H Curve and μ -H Curve of Amorphous CACC Cores



Amorphous relative change of B_s VS Temperature



Iron-based Amorphous CACC Series Core Loss Curve

