

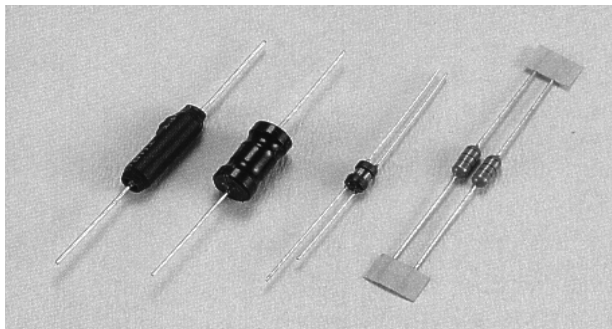


Italtras transformers in the world

low profile - encapsulated - toroidal - open - pcb or rack - inductor

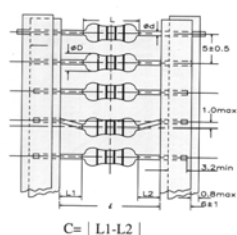
Axial epoxy Ferrite Coil

Type: ACD

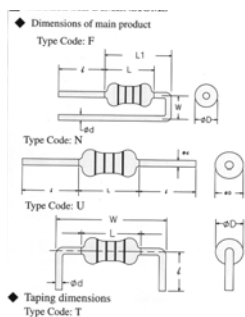


Features

Axial epoxy coils are coated by 5 layers insulating varnish and epoxy resins provides excellent quality & performance, the coating are available with tan color and red's except standard green's, suitable for high density & high speed automatic insertion.



EXTERNAL DIMENSIONS



Type	L Max.	φ D Max.	ℓ ±1.5	φ d ±0.05	C Max.
CD122T	4	2.5	52	0.50	1.5
CD124T	7	3.0	52	0.50	1.5
CD136T	10	4.0	52	0.65	1.5
CD1356T	10	4.5	52	0.65	1.5
CD146T	11	5.0	52	0.65	1.5

Type	L Max.	φ D Max.	ℓ ±2	φ d ±0.05
CD122N	4	2.5	28	0.50
CD124N	7	3.0	28	0.50
CD136N	10	4.0	28	0.65
CD1356N	10	4.5	28	0.65
CD146N	11	5.0	28	0.65

Type	L Max.	φ D Max.	ℓ ±2	φ d ±0.05	W
CD122U	4	2.5	7	0.50	6
CD124U	7	3.0	7	0.50	10
CD136U	10	4.0	7	0.65	12.5
CD1356U	10	4.5	7	0.65	12.5
CD146U	11	5.0	7	0.65	12.5

PART NUMBER	Inductance (uH)	Tolerance %	Q Min.	Self Resonant Frequency (MHz) Min.	DC Resistance (ohm) Max.	Rated DC Current (mA) Max.	Test Frequency (MHz)
ACD122 0R22M	0.22	+/-20	35	150	0.40	400	25.2
ACD122 0R27M	0.27	+/-20	35	150	0.43	380	25.2
ACD122 0R33M	0.33	+/-20	35	150	0.48	370	25.2
ACD122 0R39M	0.39	+/-20	35	150	0.51	350	25.2
ACD122 0R47M	0.47	+/-20	35	150	0.56	330	25.2
ACD122 0R56M	0.56	+/-20	35	150	0.61	320	25.2
ACD122 0R68M	0.68	+/-20	35	150	0.67	310	25.2
ACD122 0R82M	0.82	+/-20	35	150	0.74	290	25.2
ACD122 1R0M	1.0	+/-20	35	150	0.80	270	25.2
ACD122 1R2K	1.2	+/-10	40	110	0.90	260	7.96
ACD122 1R5K	1.5	+/-10	40	80	1.0	250	7.96
ACD122 1R8K	1.8	+/-10	40	60	1.1	240	7.96
ACD122 2R2K	2.2	+/-10	40	45	1.2	230	7.96
ACD122 2R7K	2.7	+/-10	40	40	1.3	220	7.96
ACD122 3R3K	3.3	+/-10	40	38	1.4	210	7.96
ACD122 3R9K	3.9	+/-10	40	35	1.6	200	7.96
ACD122 4R7K	4.7	+/-10	40	32	1.7	190	7.96
ACD122 5R6K	5.6	+/-10	40	30	1.9	180	7.96
ACD122 6R8K	6.8	+/-10	40	28	2.0	175	7.96
ACD122 8R2K	8.2	+/-10	40	26	2.2	165	7.96



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PART NUMBER	Inductance (uH)	Tolerance %	Q Min.	Self Resonant Frequency (MHz) Min.	DC Resistance (ohm) Max.	Rated DC Current (mA) Max.	Test Frequency (MHz)
ACD122 100K	10	+/-10	40	24	2.5	160	7.96
ACD122 120K	12	+/-10	40	22	2.5	150	2.52
ACD122 150K	15	+/-10	40	20	2.8	145	2.52
ACD122 180K	18	+/-10	40	18	3.1	140	2.52
ACD122 220K	22	+/-10	40	17	3.4	130	2.52
ACD122 270K	27	+/-10	40	16	4.3	80	2.52
ACD122 330K	33	+/-10	40	14	4.7	76	2.52
ACD122 390K	39	+/-10	40	13	5.2	74	2.52
ACD122 470K	47	+/-10	40	12	5.8	70	2.52
ACD122 560K	56	+/-10	40	11	6.4	68	2.52
ACD122 680K	68	+/-10	40	10	7.2	64	2.52
ACD122 820K	82	+/-10	40	9.5	11	46	2.52
ACD122 101K	100	+/-10	40	9.0	12	44	2.52
ACD122 121K	120	+/-10	40	8.0	13	42	0.796
ACD122 151K	150	+/-10	40	6.0	16	39	0.796
ACD122 181K	180	+/-10	40	5.5	18	37	0.796
ACD122 221K	220	+/-10	40	5.0	20	35	0.796
ACD124 0R22M	0.22	+/-20	40	380	0.075	1150	25.2
ACD124 0R27M	0.27	+/-20	40	360	0.08	1110	25.2
ACD124 0R33M	0.33	+/-20	40	350	0.08	1110	25.2
ACD124 0R33M	0.39	+/-20	40	320	0.09	1000	25.2
ACD124 0R47M	0.47	+/-20	40	300	0.10	1000	25.2
ACD124 0R56M	0.56	+/-20	40	280	0.11	950	25.2
ACD124 0R68M	0.68	+/-20	40	250	0.12	900	25.2
ACD124 0R82M	0.82	+/-20	40	200	0.12	900	25.2
ACD124 1R0M	1.0	+/-20	40	180	0.15	815	25.2
ACD124 1R2K	1.2	+/-10	50	165	0.18	740	7.96
ACD124 1R5K	1.5	+/-10	50	150	0.20	700	7.96
ACD124 1R8K	1.8	+/-10	50	125	0.23	655	7.96
ACD124 2R2K	2.2	+/-10	50	110	0.25	630	7.96
ACD124 2R7K	2.7	+/-10	50	95	0.28	595	7.96
ACD124 3R3K	3.3	+/-10	50	70	0.30	575	7.96
ACD124 3R9K	3.9	+/-10	50	65	0.32	555	7.96
ACD124 4R7K	4.7	+/-10	50	50	0.35	530	7.96
ACD124 5R6K	5.6	+/-10	50	40	0.40	500	7.96
ACD124 6R8K	6.8	+/-10	50	30	0.45	470	7.96
ACD124 8R2K	8.2	+/-10	50	28	0.55	425	7.96
ACD124 100K	10	+/-10	50	22	0.72	370	7.96
ACD124 120K	12	+/-10	50	20	0.80	350	2.52



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ACD124 150K	15	+10	50	16	0.88	335	2.52
ACD124 180K	18	+10	50	15	1.00	315	2.52
ACD124 220K	22	+10	50	13	1.20	285	2.52
ACD124 270K	27	+10	50	11	1.35	270	2.52
ACD124 330K	33	+10	50	10	1.50	255	2.52
ACD124 390K	39	+10	50	9.5	1.70	240	2.52
ACD124 470K	47	+10	50	8.5	2.30	205	2.52
ACD124 560K	56	+10	50	7.5	2.60	195	2.52
ACD124 680K	68	+10	50	6.5	2.90	185	2.52
ACD124 820K	82	+10	50	6.0	3.20	175	2.52
ACD124 101K	100	+10	50	5.5	3.50	165	2.52
ACD124 121K	120	+10	50	5.4	3.80	160	0.796
ACD124 151K	150	+10	50	4.75	4.40	150	1.796
ACD124 181K	180	+10	50	4.35	5.00	140	0.796
ACD124 221K	220	+10	50	4.0	5.70	130	0.796
ACD124 271K	270	+10	50	3.7	6.50	120	0.796
ACD124 331K	330	+10	50	3.4	9.50	100	0.796
ACD124 391K	390	+10	50	2.8	10.5	95	0.796
ACD124 471K	470	+10	50	2.55	11.6	90	0.796
ACD124 561K	560	+10	50	2.35	13	85	0.796
ACD124 681K	680	+10	50	2.0	18	75	0.796
ACD124 821K	820	+10	50	1.5	22	65	0.796
ACD124 102K	1000	+10	50	1.2	26	60	0.796
ACD136 0R22M	0.22	+20	40	300	0.10	1400	25.2
ACD136 0R27M	0.27	+20	40	270	0.11	1320	25.2
ACD136 0R33M	0.33	+20	40	250	0.12	1280	25.2
ACD136 0R33M	0.39	+20	40	230	0.13	1200	25.2
ACD136 0R47M	0.47	+20	40	220	0.14	1150	25.2
ACD136 0R56M	0.56	+20	40	200	0.15	1100	25.2
ACD136 0R68M	0.68	+20	40	190	0.16	1030	25.2
ACD136 0R82M	0.82	+20	40	172	0.17	980	25.2
ACD136 1R0M	1.0	+20	40	157	0.19	920	25.2
ACD136 1R2K	1.2	+20	60	144	0.21	880	7.96
ACD136 1R5K	1.5	+10	60	131	0.23	830	7.96
ACD136 1R8K	1.8	+10	60	121	0.25	790	7.96
ACD136 2R2K	2.2	+10	60	110	0.28	750	7.96
ACD136 2R7K	2.7	+10	60	100	0.30	720	7.96
ACD136 3R3K	3.3	+10	60	94	0.34	670	7.96
ACD136 3R9K	3.9	+10	60	65	0.37	640	7.96



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PART NUMBER	Inductance (uH)	Tolerance %	Q Min.	Self Resonant Frequency (MHz) Min.	DC Resistance (ohm) Max.	Rated DC Current (mA) Max.
ACD1356 102K	1000	+10,5	65 @ 252 MHz	1.68	8.4	120
ACD1356 122K	1200	+10,5	65 @ 252 MHz	1.54	9.7	112
ACD1356 152K	1500	+10,5	65 @ 252 MHz	1.22	12	96
ACD1356 182K	1800	+10,5	65 @ 252 MHz	1.18	14	88
ACD1356 222K	2200	+10,5	65 @ 252 MHz	1.06	16	80
ACD1356 272K	2700	+10,5	65 @ 252 MHz	1.00	23	72
ACD1356 332K	3300	+10,5	65 @ 252 MHz	0.95	27	66
ACD1356 392K	3900	+10,5	65 @ 252 MHz	0.88	32	61
ACD1356 472K	4700	+10,5	65 @ 252 MHz	0.75	45	56
ACD1356 562K	5600	+10,5	55 @ 252 MHz	0.70	50	50
ACD1356 682K	6800	+10,5	55 @ 252 MHz	0.65	57	45
ACD1356 822K	8200	+10,5	55 @ 252 MHz	0.60	66	42
ACD1356 103K	10000	+10,5	30 @ 79.6 MHz	0.47	84	38
ACD1356 123K	12000	+10,5	30 @ 79.6 MHz	0.44	94	32
ACD1356 153K	15000	+10,5	30 @ 79.6 MHz	0.38	130	28
ACD1356 183K	18000	+10,5	30 @ 79.6 MHz	0.34	146	24
ACD1356 223K	22000	+10,5	30 @ 79.6 MHz	0.32	168	20
ACD1356 273K	27000	+10,5	30 @ 79.6 MHz	0.30	210	18
ACD1356 303K	30000	+10,5	30 @ 79.6 MHz	0.25	311	16
ACD1356 333K	33000	+10,5	30 @ 79.6 MHz	0.23	326	14
ACD1356 393K	39000	+10,5	30 @ 79.6 MHz	0.21	357	12
ACD146 102K	1000	+10,5	65 @ 252 MHz	1.50	5.7	150
ACD146 122K	1200	+10,5	65 @ 252 MHz	1.50	6.6	140
ACD146 152K	1500	+10,5	65 @ 252 MHz	1.20	10	120
ACD146 182K	1800	+10,5	65 @ 252 MHz	1.20	12	110
ACD146 222K	2200	+10,5	65 @ 252 MHz	1.20	14	100
ACD146 272K	2700	+10,5	65 @ 252 MHz	0.95	18	90
ACD146 332K	3300	+10,5	65 @ 252 MHz	0.85	20	83
ACD146 392K	3900	+10,5	65 @ 252 MHz	0.83	24	76
ACD146 472K	4700	+10,5	65 @ 252 MHz	0.80	26	70
ACD146 562K	5600	+10,5	65 @ 252 MHz	0.68	37	62
ACD146 682K	6800	+10,5	60 @ 252 MHz	0.67	42	56
ACD146 822K	8200	+10,5	60 @ 252 MHz	0.60	48	52
ACD146 103K	10000	+10,5	30 @ 79.6 MHz	0.51	75	47
ACD146 123K	12000	+10,5	30 @ 79.6 MHz	0.47	82	40
ACD146 153K	15000	+10,5	30 @ 79.6 MHz	0.39	108	35
ACD146 183K	18000	+10,5	30 @ 79.6 MHz	0.37	120	30
ACD146 223K	22000	+10,5	30 @ 79.6 MHz	0.33	144	24
ACD146 273K	27000	+10,5	30 @ 79.6 MHz	0.30	187	18
ACD146 303K	30000	+10,5	30 @ 79.6 MHz	0.27	200	14
ACD146 333K	33000	+10,5	30 @ 79.6 MHz	0.27	216	8
ACD146 393K	39000	+10,5	30 @ 79.6 MHz	0.25	240	7