

Features: • A chip-type common mode filter for large current applications • Common mode impedance surpasses 80 – 1000Ω at 100MHz • Noise is greatly suppressed • Height and size have been considered, resulting in a compact and light weight choke coil • Applicable for the miniaturization required to reduce the size and weight of portable equipment

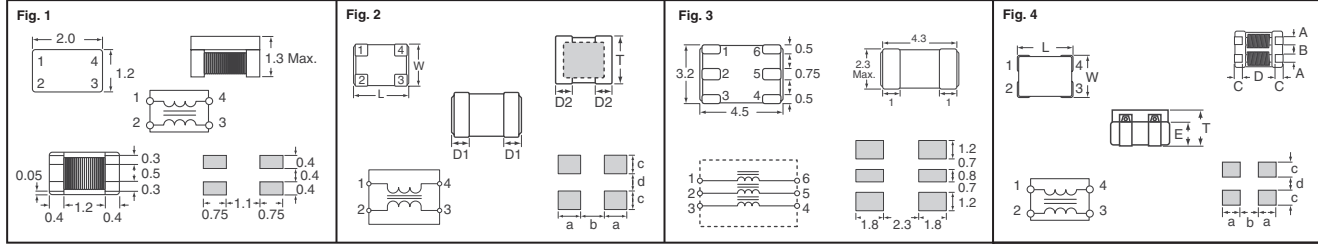


Fig.	L (mm)	W (mm)	T (mm) Max.	D1 (mm)	D2 (mm)	A (mm)	B (mm)	C (mm)	D (mm) Type	E (mm)	a (mm)	b (mm)	c (mm)	d (mm)	TDK Part No. Family
2	3.2	2.5	2.3	0.7	0.65	—	—	—	—	—	1.5	1.6	1.4	1.1	ACM3225-xxx-2P ACM4532-xxx-2P
	4.5	3.2	3.0	1	1	—	—	—	—	—	1.8	2.3	1.75	1.1	
4	7.0	6.0	3.5	—	—	1.5	1.5	1.5	4.0	2.2	2.5	4.0	1.5	1.5	ACM7060-xxx-2PL ACM9070-701-2PL
	9.0	7.0	4.5	—	—	1.5	2.0	1.5	6.0	2.9	2.5	6.0	1.5	2.0	ACM1211-xxx-2PL ACM1513-551-2PL
	12.0	11.0	6.0	—	—	2.7	2.5	2.3	7.4	3.8	3.2	7.6	2.7	2.5	
	15.0	13.0	6.0	—	—	2.7	3.8	2.3	10.4	3.8	3.3	10.4	2.7	3.8	

Fig.	Typical Impedance @ 100MHz (Ω)	Max. DC Resistance (Ω)	Max. Rated Current Idc (A)	No. of Lines	Digi-Key Part No.	Cut Tape Price Each			Tape and Reel*		TDK Part No.
						1	10	50	Qty.	Pricing	
ACM Series											
1	90	0.19	0.4	2	445-2207-1-ND	.57	.50	.46	2,000	264.27/M	ACM2012-900-2P-T
	120	0.22	0.37	2	445-2208-1-ND	.57	.50	.46	2,000	264.27/M	ACM2012-121-2P-T000
	200	0.25	0.35	2	445-2209-1-ND	.57	.50	.46	2,000	264.27/M	ACM2012-201-2P-T000
	360	0.5	0.22	2	445-2210-1-ND	.57	.50	.46	2,000	264.27/M	ACM2012-361-2P-T000
2	80	0.15	0.4	2	445-2030-1-ND	.97	.85	.78	1,000	453.02	ACM3225-800-2P-T001
	270	0.3	0.3	2	445-2032-1-ND	.97	.85	.78	1,000	453.02	ACM3225-271-2P-T001
	1000	0.5	0.2	2	445-2033-1-ND	.97	.85	.78	1,000	453.02	ACM3225-102-2P-T001
	600	0.2	1.0	2	445-2035-1-ND	.97	.85	.78	1,000	453.02	ACM3225-601-2P-T001
	600	0.1	1.5	2	445-2036-1-ND	1.05	.92	.85	500	245.39	ACM4532-601-2P-T001
	800	0.1	1.0	2	445-2037-1-ND	1.05	.92	.85	500	245.39	ACM4532-801-2P-T001
3	1000	0.6	0.2	3	445-2034-1-ND	1.05	.92	.85	500	245.39	ACM4532-102-3P
	300	0.01	5	2	445-2214-1-ND	1.58	1.37	1.27	1,500	736.18/M	ACM7060-301-2PL-TL
	700	0.015	4	2	445-2215-1-ND	1.58	1.37	1.27	1,500	736.18/M	ACM7060-701-2PL-TL
	700	0.01	5	2	445-2216-1-ND	1.58	1.37	1.27	800	588.94	ACM9070-701-2PL-TL
	700	0.006	8	2	445-2212-1-ND	2.22	1.93	1.78	500	519.09	ACM1211-701-2PL-TL
	1000	0.014	6	2	445-2213-1-ND	2.22	1.93	1.78	500	519.09	ACM1211-102-2PL-TL
4	550	0.004	10	2	445-2211-1-ND	2.63	2.28	2.11	500	613.48	ACM1513-551-2PL-TL
	300	0.35	0.4	2	445-2966-1-ND	.79	.69	.64	2,000	370.00/M	ACM2520-301-2P
	450	0.4	0.35	2	445-2967-1-ND	.79	.69	.64	2,000	370.00/M	ACM2520-451-2P
	600	0.45	0.3	2	445-2968-1-ND	.79	.69	.64	2,000	370.00/M	ACM2520-601-2P-T
5	1000	0.9	0.2	2	445-2969-1-ND	.79	.69	.64	2,000	370.00/M	ACM2520-102-2P
	TCM Series										
6	65	1.5	0.10	2	445-2970-1-ND	.58	.51	.47	4,000	272.00/M	TCM1210-650-2P
	90	1.75	0.10	2	445-2971-1-ND	.58	.51	.47	4,000	272.00/M	TCM1210-900-2P-T
	200	2.7	0.10	2	445-2972-1-ND	.58	.51	.47	4,000	272.00/M	TCM1210-201-2P-T
	300	3.5	0.05	2	445-2973-1-ND	.58	.51	.47	4,000	272.00/M	TCM1210-301-2P-T
7	65	1.5	0.10	4	445-2974-1-ND	.94	.82	.76	4,000	438.00/M	TCM2010-650-4P
	100	1.5	0.10	4	445-2975-1-ND	.94	.82	.76	4,000	438.00/M	TCM2010-101-4P-T
	200	2.0	0.10	4	445-2976-1-ND	.94	.82	.76	4,000	438.00/M	TCM2010-201-4P-T
	260	5.0	0.04	4	445-2977-1-ND	.94	.82	.76	4,000	438.00/M	TCM2010-261-4P-T

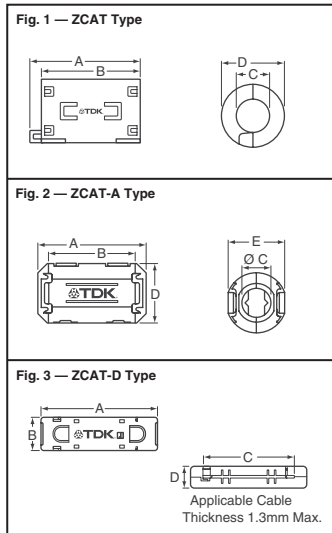
* For Tape and Reel part number, change 1-ND to 2-ND.

Clamp Filters for Cable



Features: • Unique plastic case ensures simple, convenient installation and includes a self-holding mechanism to prevent slippage on cables • Ferrite core provides excellent absorption of high-frequency EMC • Highly effective as countermeasure against common mode EMC without adverse effect on signal quality • Large core size prevents saturation during large signal surges

Fig.	Dimensions (mm)					Minimum Impedance @ 50 – 500MHz (Ω)	Outer Cable Diameter (mm)	Case Color	Digi-Key Part No.	Price Each				TDK Part No.	
	A	B	ØC	ØD	E					1	10	50	100		
ZCAT Type															
1	22	18	7	15	—	35	7 Max.	Gray	445-2040-ND	1.09	.90	.78	.70	ZCAT1518-0730	
	22	18	7	15	—	35	7 Max.	Black	445-2041-ND	1.09	.90	.78	.70	ZCAT1518-0730-BK	
	21	17	9	20	—	35	9 Max.	Gray	445-2044-ND	1.29	1.07	.93	.83	ZCAT2017-0930	
	21	17	9	20	—	35	9 Max.	Black	445-2045-ND	1.29	1.07	.93	.83	ZCAT2017-0930-BK	
	36	32	11	20.5	—	50	11 Max.	Gray	445-2048-ND	1.16	.96	.83	.75	ZCAT2132-1130	
	36	32	11	20.5	—	50	11 Max.	Black	445-2049-ND	1.16	.96	.83	.75	ZCAT2132-1130-BK	
2	39	34	13	30	—	100	13 Max.	Gray	445-2054-ND	2.55	2.11	1.82	1.64	ZCAT3035-1330	
	39	34	13	30	—	100	13 Max.	Black	445-2055-ND	2.55	2.11	1.82	1.64	ZCAT3035-1330-BK	
	ZCAT-A Type														
	2	25	20	5	12.8	11.2	50	3 – 5	Gray	445-2038-ND	.71	.60	.51	.46	ZCAT1325-0530A
		25	20	5	12.8	11.2	50	3 – 5	Black	445-2039-ND	.71	.60	.51	.46	ZCAT1325-0530A-BK
		30	23	7	16.5	15	50	4 – 7	Gray	445-2042-ND	1.22	1.02	.88	.79	ZCAT1730-0730A
30		23	7	16.5	15	50	4 – 7	Black	445-2043-ND	1.22	1.02	.88	.79	ZCAT1730-0730A-BK	
35		28	9	19.5	17.4	80	6 – 9	Gray	445-2046-ND	1.22	1.02	.88	.79	ZCAT2035-0930A	
35		28	9	19.5	17.4	80	6 – 9	Black	445-2047-ND	1.22	1.02	.88	.79	ZCAT2035-0930A-BK	
35		28	10	21.5	20	80	8 – 10	Gray	445-2050-ND	1.60	1.33	1.14	1.03	ZCAT2235-1030A	
35		28	10	21.5	20	80	8 – 10	Black	445-2051-ND	1.60	1.33	1.14	1.03	ZCAT2235-1030A-BK	
3	36	29	13	23.5	22	50	10 – 13	Gray	445-2052-ND	2.04	1.69	1.46	1.31	ZCAT2436-1330A	
	36	29	13	23.5	22	50	10 – 13	Black	445-2053-ND	2.04	1.69	1.46	1.31	ZCAT2436-1330A-BK	
ZCAT-D Type															
3	45.5	24.5	34	12	—	35	26 Conductor Flat	Black	445-2057-ND	4.07	3.38	2.91	2.62	ZCAT4625-3430D-BK	
	67.5	18.5	52	16	—	35	40 Conductor Flat	Black	445-2058-ND	6.79	5.63	4.85	4.37	ZCAT6819-5230D-BK	



Digi-Reel® Most SMT cutdown parts are available on a Digi-Reel®. For Digi-Reel part number, change 1-ND to 6-ND or CT-ND to DKR-ND. See Digi-Key® Services on page 2 for additional information.

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