

EMI Suppressor Snap-on Ferrite Cores (for Round Cable)

*The other specification can be designed & produced also.

● Ordering Code



(A)

CT RC - 05 20 - 01
(1) (2) (3) (4) (5)

(1) Type Code (3) Core I.D.
(2) Shape: (4) Core Length
RC.: Round Shape (5) Sequence No.
NF.: Square Shape

(B)

CTNF 50
(1)

(1) Core I.D

(C)

CTRC 26 29
(1) (2)

(1) Core O.D,
26=26mm
(2) Core Length

(D)

CTRC 75 30
(1) (2)

(1) Core I.D,
75=7.5mm
(2) Core Length

EMI suppressor Snap-on ferrite cores (for round cable)

For retrofit and post-assembly operations, we provide the CTRC series with excellent common mode EMI suppression on round cable assemblies. Light weight, inexpensive plastic snap-on cases provide secure mounting of the ferrite to the cable.

Features: Internal dimensions from 5mm to 15mm radius. Precision formed smooth surface prevent damage to wire insulation. Easy installation.

Applications: Internal and external power cables, internal cables between pc boards and data connectors, computer peripherals, digital camera, DVD, fax machine cables, monitor cables, power supply cables. Printer cables.

● Shapes

Fig.1

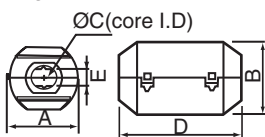


Fig.2

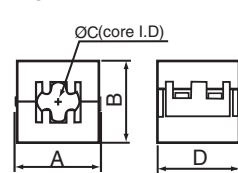


Fig.3

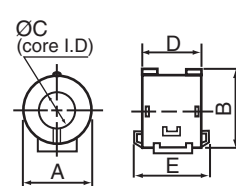


Fig.4

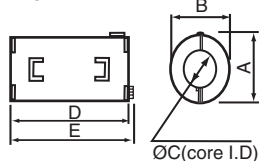
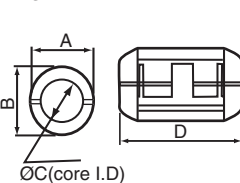


Fig.5



MATERIAL OF THE RESIN CASES:
PA66, FLAME CLASS UL94V-2

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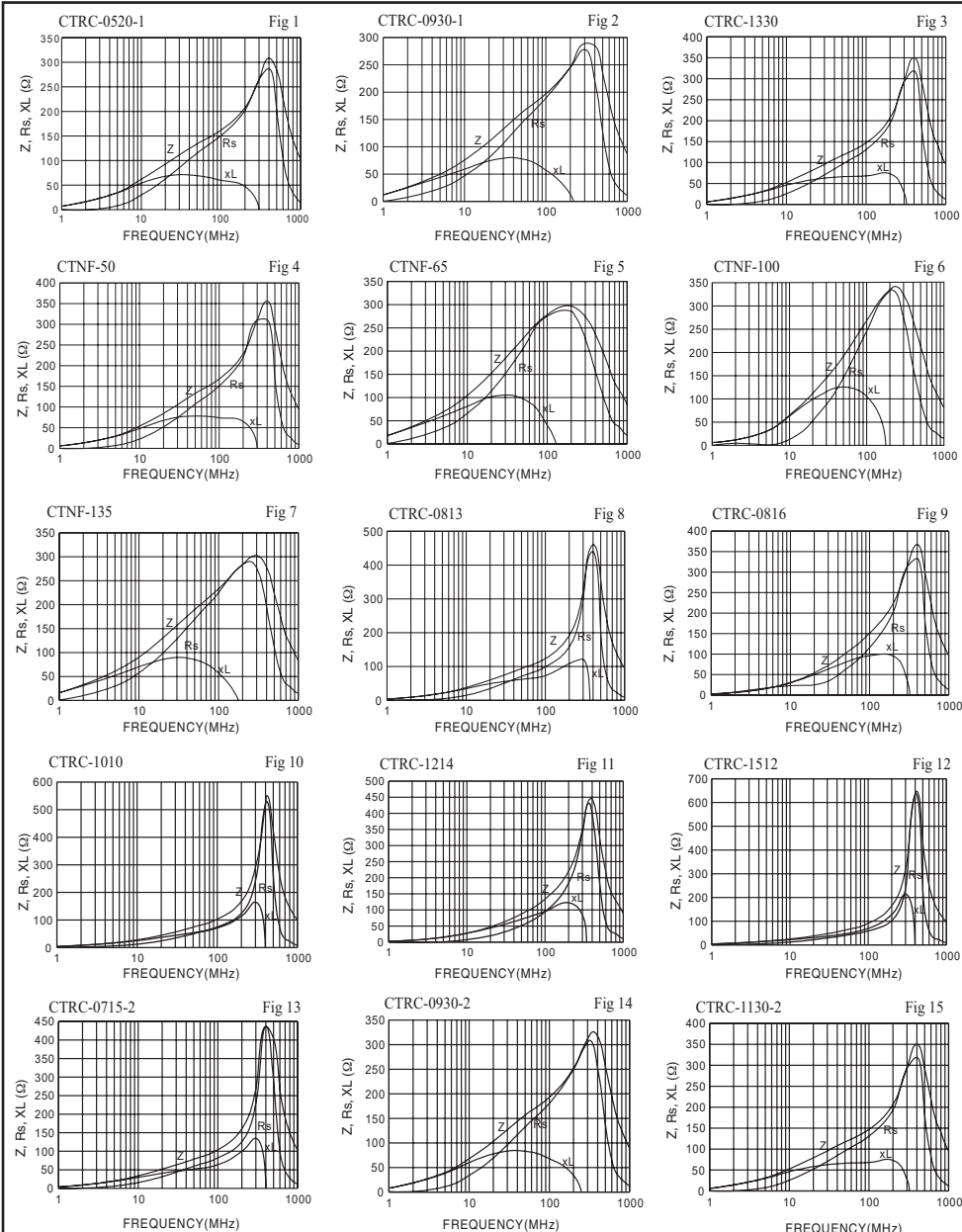
● Dimensions (Core Size) & Characteristics

Unit: mm

NO	ITEM	Fig.	A	B	øC	D	E	IMPEDANCD (Ω) min.		Max. Cable Dia.(ø)	(Z,RS,XL) -f Curve Fig.
								25MHz	100MHz		
1	CTRC-0520-1	1	13±1	11.8±1	5±0.3	25.5±1	2.5±REF	60	100	5	1
2	CTRC-0930-1	1	19.5±1	18±1	9±0.3	35±1	5.5±1	80	130	9	2
3	CTRC-1330	1	23.5±1	22.5±1	13±0.3	36±1	8.5±1	70	120	13	3
4	CTNF-50	2	15.0±1	14±1	5.2±0.3	23±1		70	120	5	4
5	CTNF-65	2	20.5±1	20±1	6.5±0.3	33±1		120	200	6.5	5
6	CTNF-100	2	25.5±1	23.5±1	10±0.3	33±1		80	130	10	6
7	CTNF-135	2	31.5±1	30±1	13±0.3	33±1		105	170	13	7
8	CTRC-0813	3	19.5±1	23±1	8.1±0.3	17±1	23±1	42	85	8	8
9	CTRC-0816	3	19.5±1	23±1	8.1±0.3	20±1	26±1	50	110	8	9
10	CTRC-1010	3	24.5±1	28.5±1	10.2±0.3	13.5±1	20±1	35	75	10	10
11	CTRC-1214	3	28±1	32±1	11.5±0.3	18±1	24±1	50	100	11.5	11
12	CTRC-1512	3	29±1	33±1	15±0.3	15.5±1	21.5±1	30	70	15	12
13	CTRC-0715-2	4	15.5±1	14±1	7±0.3	18±1	22±1	40	75	7	13
14	CTRC-0930-2	4	20.5±1	19.5±1	9±0.3	31.5±1	35.5±1	80	130	9	14
15	CTRC-1130-2	4	20.5±1	21±1	11±0.4	32±1	36±1	60	110	11	15
16	CTRC-0415	5	15±1	15±1	4±0.2	25.2±1		55	95	4	16
17	CTRC-0520-2	5	16.5±1	16.5±1	5.2±0.3	29.5±1		70	120	5	17
18	CTRC-1329-2	4	31.5±1	30.5±1	13±0.3	34±1	39.5±1	80	130	13	18
19	CTRC-7530	5	21±1	21±1	7.5±0.3	39±1		90	150	7.5	19
20	CTRC-0933	5	22.5±1	22.5±1	9.5±0.3	43±1		105	190	9.5	20
21	CTRC-3520-1	1	13±1	11.8±1	3.5±0.3	25.5±1	2.5±REF	80	150	3.5	21
22	CTRC-0723	1	17±1	15±1	7±0.3	30±1	2.5	80	135	7	22
23	CTRC-0929-2	4	31.5±1	30.5±1	9±0.3	34±1	39.5±1	80	130	9	23
24	CTRC-5520-2	5	16.5±1	16.5±1	5.5±0.3	29.5±1		60	120		24
25	CTRC-3516-1	1	12±1	11±1	3.6±0.3	21.5±1	2.5±REF	60	110	3.6	25

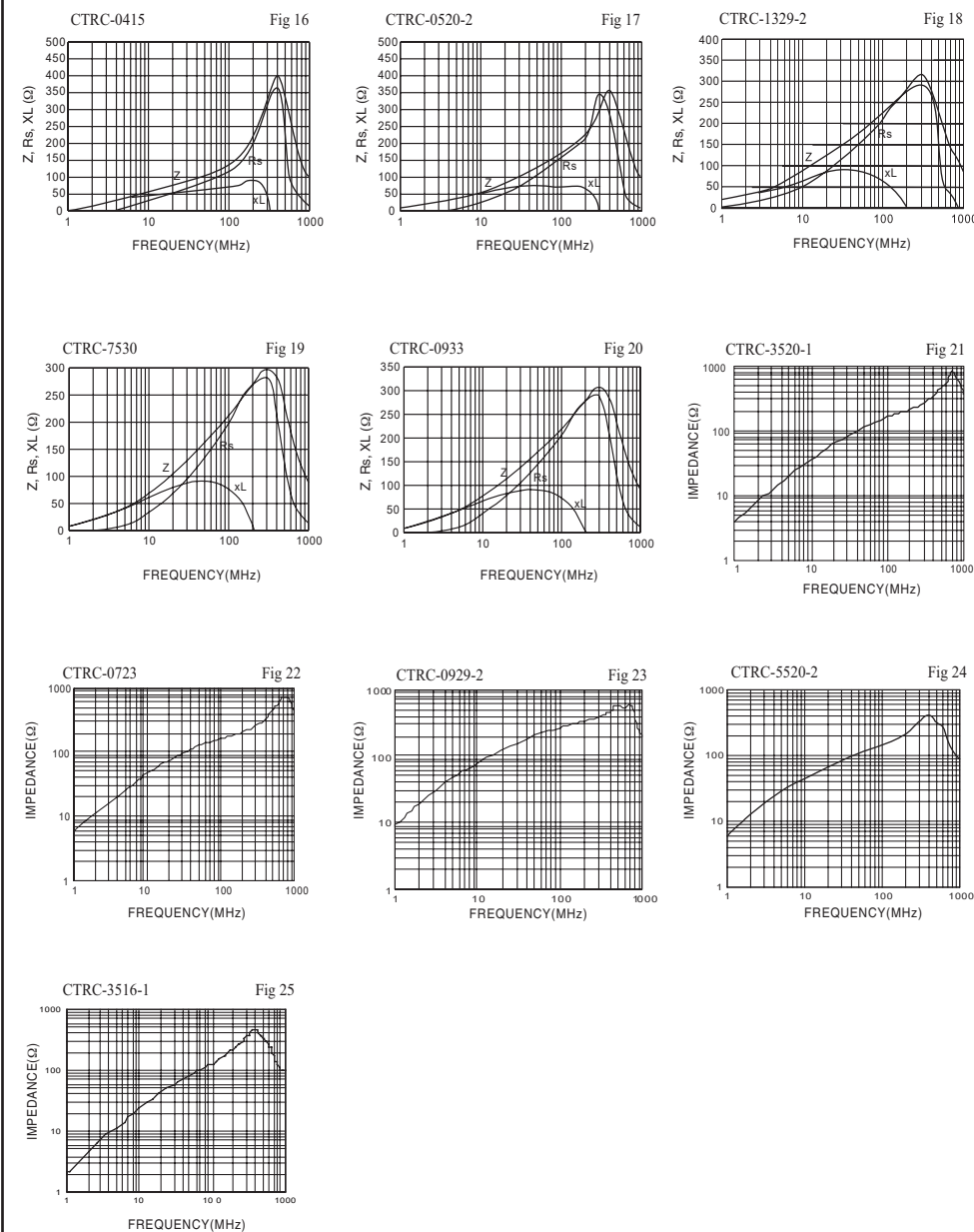
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EMI Suppressor Snap-on Ferrite Cores (for Round Cable)

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EMI Suppression Cores With Plastic Case (TRCN Series)

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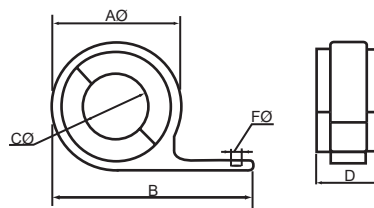


● Ordering Code

TRCN	16	13
(1)	(2)	(3)

- (1) Type Code
(2) A Size
(3) D Size

● Shapes



● Dimensions & Characteristics

Unit : mm

NO	ITEM	ØA	B	ØD	ØC	ØF	1 turn		2 turns		Fig.
							25MHz	100MHz	25MHz	100MHz	
1	TRCN 16 - 13	19.4	30.2	13.0	8	4.3	45	110	160	370	1
2	TRCN 16 - 16	19.4	30.2	16.0	8	4.3	50	150	180	500	2
3	TRCN 20 - 10	25.7	38.2	10.0	10	5.1	45	80	140	280	3
4	TRCN 23 - 14	26.8	39.4	14.0	11.4	5.1	40	100	140	350	4
5	TRCN 28 - 13	32.8	45.0	13.0	16.4	5.1	45	105	160	325	5
6	TRCN 28 - 20	32.8	45.0	20.0	16.4	5.1	60	130	250	500	6
7	TRCN 40 - 15	44.6	59.0	15.0	27.5	5.1	40	100	140	350	7

