



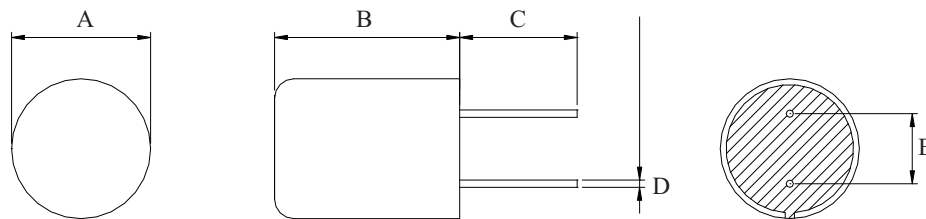
### Features

- Ideal as a choke coil for noise filtering.
- Magnetically shielded construction.
- Suitable for use in audio processing circuits for low, high and bandpass filtering.

### Applications

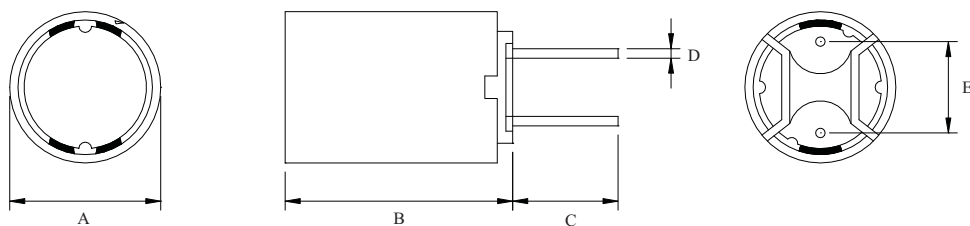
- Ideal for use as a power choke coil in general household appliances such as TV Set, video and industrial equipment.
- Peaking coil in filtering applications.
- Communication equipment.

## ► Dimensions & Configurations (Unit:mm)



Type	A(max)	B(max)	C ± 1.0	D ± 0.1	E ± 0.3
MCFS0810	8.5	11.0	5.0	0.6	4
MCFS1012	10.5	13.0	5.0	0.6	5

## ► Dimensions & Configurations (Unit:mm)



Type	A(max)	B(max)	C ± 1.0	D ± 0.1	E ± 0.3
MCFS1616	16.5	16.5	5.0	0.8	7.5

Note: Design as Customer's Requested Specifications.

## Electrical Characteristics For MCFS0810 Series

Part Number	Inductance [mH]	DCR(max) [ $\Omega$ ]	IDC [mA]	Test Freq [KHz]
MCFS0810 - 102M	1	4.7	57	50
MCFS0810 - 122M	1.2	5.1	50	50
MCFS0810 - 152M	1.5	5.9	46	50
MCFS0810 - 182M	1.8	6.6	41	50
MCFS0810 - 222M	2.2	7.8	37	50
MCFS0810 - 272M	2.7	9.0	34	50
MCFS0810 - 332M	3.3	10.0	30	50
MCFS0810 - 392M	3.9	11.5	28	50
MCFS0810 - 472M	4.7	12.6	25	50
MCFS0810 - 562M	5.6	17.2	23	50
MCFS0810 - 682M	6.8	19	20	50
MCFS0810 - 882M	8.8	22	18	50
MCFS0810 - 103M	10	25	15	50
MCFS0810 - 123M	12	28	14	50
MCFS0810 - 153M	15	33	12	50
MCFS0810 - 183M	18	42	11	50
MCFS0810 - 223M	22	48	10	50
MCFS0810 - 273M	27	56	10	50
MCFS0810 - 333M	33	64	9	50
MCFS0810 - 393M	39	72	8	50
MCFS0810 - 473M	47	82	8	50

## Electrical Characteristics For MCFS1012 Series

Part Number	Inductance [mH]	DCR(max) [ $\Omega$ ]	IDC [mA]	Test Freq [KHz]
MCFS1012 - 102M	1	3.4	55	50
MCFS1012 - 122M	1.2	3.7	52	50
MCFS1012 - 152M	1.5	4.0	47	50
MCFS1012 - 182M	1.8	4.5	44	50
MCFS1012 - 222M	2.2	5.2	41	50
MCFS1012 - 272M	2.7	5.8	37	50
MCFS1012 - 332M	3.3	6.1	33	50
MCFS1012 - 392M	3.9	7.2	30	50
MCFS1012 - 472M	4.7	7.5	28	50
MCFS1012 - 562M	5.6	8.4	25	50
MCFS1012 - 682M	6.8	9.7	23	50
MCFS1012 - 882M	8.8	10.4	21	50
MCFS1012 - 103M	10	12.1	18	50
MCFS1012 - 123M	12	13.0	17	50
MCFS1012 - 153M	15	15.0	15	50
MCFS1012 - 183M	18	17.0	13	50
MCFS1012 - 223M	22	19.5	11	50
MCFS1012 - 273M	27	22	10	50
MCFS1012 - 333M	33	26	9	50
MCFS1012 - 393M	39	45	8	50
MCFS1012 - 473M	47	52	8	50
MCFS1012 - 563M	56	58	7	50
MCFS1012 - 683M	68	67	6	50
MCFS1012 - 823M	82	71	5	50
MCFS1012 - 104M	100	82	5	50
MCFS1012 - 124M	120	97	5	50

► Electrical Characteristics For MCFS1616 Series

Part Number	Inductance [μH]	DCR(max) [mΩ]	IDC [A]	Test Freq [KHz]
MCFS1616 - 4R7M	4.7	6.70	12.6	100
MCFS1616 - 6R8M	6.8	9.35	9.8	100
MCFS1616 - 100M	10	10.5	9.3	100
MCFS1616 - 120M	12	11.0	8.5	100
MCFS1616 - 150M	15	14.5	7.1	100
MCFS1616 - 180M	18	16.5	6.7	100
MCFS1616 - 220M	22	17.0	6.2	100
MCFS1616 - 270M	27	20.0	5.6	100
MCFS1616 - 330M	33	27.0	5.0	100
MCFS1616 - 390M	39	33.0	4.6	100
MCFS1616 - 470M	47	37.0	4.2	100
MCFS1616 - 560M	56	45.0	3.8	100
MCFS1616 - 680M	68	56.0	3.3	100
MCFS1616 - 820M	82	64.5	2.9	100
MCFS1616 - 101M	100	68.0	2.7	100
MCFS1616 - 121M	120	80.0	2.5	100
MCFS1616 - 151M	150	91.0	2.3	100
MCFS1616 - 181M	180	135	2.0	100
MCFS1616 - 221M	220	155	1.8	100
MCFS1616 - 271M	270	180	1.7	100
MCFS1616 - 331M	330	240	1.5	100
MCFS1616 - 391M	390	255	1.3	100
MCFS1616 - 471M	470	280	1.2	100
MCFS1616 - 561M	560	380	1.1	100
MCFS1616 - 681M	680	515	1.0	100
MCFS1616 - 821M	820	575	0.96	100
MCFS1616 - 102M	1000	665	0.85	100