

High Frequency Chokes with Ferrite Rod Cores $\Phi 3 \times 20$

Voltage rating:250VAC

Current rating:@50Hz and 40° C Ambient temperature

Inductance tolerance:± 20%

Normal inductance: Measure at 25° C; testing current 0.1mA;

Testing frequency :

$L \leq 10\mu\text{H}$: 1MHz

$10\mu\text{H} < L \leq 1000\mu\text{H}$: 100KHz

$L > 1000\mu\text{H}$: 10KHz

Climate level:40/125/56

Design:

- Ferrite rod core
- Single layer winding
- With or without shrink tube
- Terminal tinned copper wire or LITZ wire
- High resonance frequency

Application

- Filtering of High Frequency;
- Disturbance/Noise suppression in Motors;Consumer Electrics

Dimension Tolerance:

- Component:± 0.5mm
- Terminal: ± 2.0mm

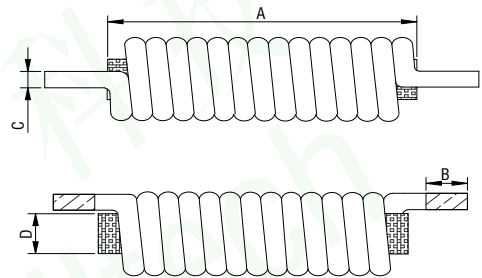
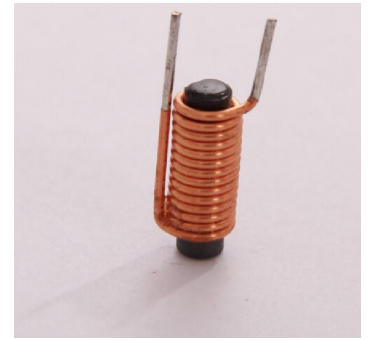
Schematic:



- Drawing is not to scale
- Customisation in product can be checked on request
- Diameter of Terminals is A,Mentioned in Below Table
- Weight:<4 grams

Electrical Data and Part Number(PN):

I_R in A	L_R in μH	R_{DC} -m Ω	ΦC -mm	MCT PN
1.0	27	70	0.40	MCT-LB-A01
2.0	12	25	0.60	MCT-LB-A02
3.0	7	15	0.75	MCT-LB-A03
4.0	5	10	0.85	MCT-LB-A04



Please check page4 for more rod core dimension to update your design.Any doubt please contact our salesman for support.We can help you to finish your design.

High Frequency Chokes with Ferrite Rod Cores $\Phi 4 \times 20$

Voltage rating:250VAC

Current rating:@50Hz and 40° C Ambient temperature

Inductance tolerance: $\pm 20\%$

Normal inductance: Measure at 25° C; testing current 0.1mA;

Testing frequency :

$L \leq 10\mu\text{H}$: 1MHz

$10\mu\text{H} < L \leq 1000\mu\text{H}$: 100KHz

$L > 1000\mu\text{H}$: 10KHz

Climate level:40/125/56

Design:

- Ferrite rod core
- Single layer winding
- With or without shrink tube
- Terminal tinned copper wire or LITZ wire
- High resonance frequency

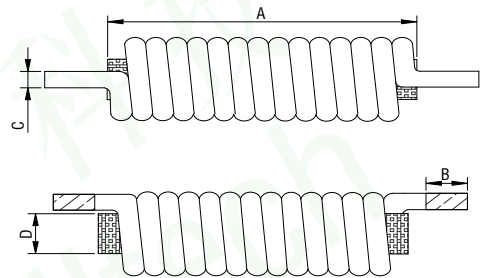
Application

- Filtering of High Frequency;
- Disturbance/Noise suppression in Motors;Consumer Electrics

Dimension Tolerance:

Component: $\pm 0.5\text{mm}$

Terminal: $\pm 2.0\text{mm}$



Schematic:



- Drawing is not to scale
- Customisation in product can be checked on request
- Diameter of Terminals is A, Mentioned in Below Table
- Weight: <5 grams

Electrical Data and Part Number(PN):

I_R in A	L_R in μH	R_{DC} -m Ω	ΦC -mm	MCT PN
1.0	30	85	0.40	MCT-LB-A05
2.0	15	30	0.60	MCT-LB-A06
3.0	9	15	0.75	MCT-LB-A07
4.0	6	10	0.85	MCT-LB-A08

Please check page4 for more rod core dimension to update your design.Any doubt please contact our salesman for support.We can help you to finish your design.

High Frequency Chokes with Ferrite Rod Cores $\Phi 5 \times 20$

Voltage rating:250VAC

Current rating:@50Hz and 40° C Ambient temperature

Inductance tolerance: $\pm 20\%$

Normal inductance: Measure at 25° C; testing current 0.1mA;

Testing frequency :

$L \leq 10\mu\text{H}$: 1MHz

$10\mu\text{H} < L \leq 1000\mu\text{H}$: 100KHz

$L > 1000\mu\text{H}$: 10KHz

Climate level:40/125/56

Design:

- Ferrite rod core
- Single layer winding
- With or without shrink tube
- Terminal tinned copper wire or LITZ wire
- High resonance frequency

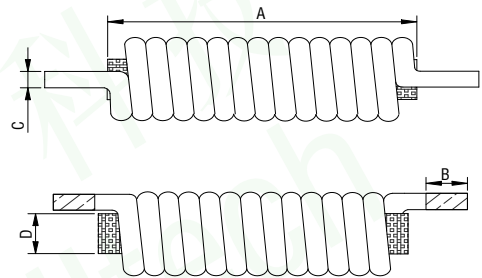
Application

- Filtering of High Frequency;
- Disturbance/Noise suppression in Motors;Consumer Electrics

Dimension Tolerance:

- Component: $\pm 0.5\text{mm}$
- Terminal: $\pm 2.0\text{mm}$

Schematic:



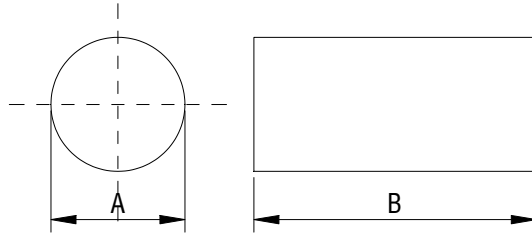
- Drawing is not to scale
- Customisation in product can be checked on request
- Diameter of Terminals is A,Mentioned in Below Table
- Weight:<5 grams

Electrical Data and Part Number(PN):

I_R in A	L_R in μH	R_{DC} -m Ω	ΦC -mm	MCT PN
1.0	100	125	0.45	MCT-LB-009
2.0	40	40	0.65	MCT-LB-010
4.0	22	20	0.85	MCT-LB-011
6.0	10	10	1.18	MCT-LB-012

Please check page4 for more rod core dimension to update your design.Any doubt please contact our salesman for support.We can help you to finish your design.

We can supply these dimension Ferrite Rod Core,
Please make your design with the following table:



Type	Diameter:A	Length:B	Type	Diameter	Length
R1.65×7	1.65±0.20	7±0.40	R6×10	6±0.30	10±0.40
R1.65×10	1.65±0.20	10±0.40	R6×12	6±0.30	12±0.40
R2×7	2±0.20	7±0.40	R6×15	6±0.30	15±0.40
R2×10	2±0.20	10±0.40	R6×20	6±0.30	20±0.40
R3×10	3±0.20	10±0.40	R6×22	6±0.30	22±0.50
R3×12	3±0.20	12±0.40	R6×22.5	6±0.30	22.5±0.50
R3×14	3±0.20	14±0.40	R6×25	6±0.30	25±0.50
R3×15	3±0.20	15±0.50	R6×30	6±0.30	30±0.50
R3×16	3±0.20	16±0.50	R6×45	6±0.30	45±0.50
R3×20	3±0.20		R6.2×26	6.2±0.30	26±0.50
R4×10	4±0.20	10±0.40	R7.94×7.94	7.94±0.30	7.94±0.40
R4×11	4±0.20		R8×18.5	8±0.40	18.5±0.50
R4×12	4±0.20	12±0.40	R8×20	8±0.40	20±0.50
R4×15	4±0.20	15±0.50	R8×25	8±0.40	25±0.50
R4×16	4±0.20	16±0.50	R8×30	8±0.40	30±0.50
R4×18	4±0.20	18±0.50	R8×32	8±0.40	32±0.50
R4×19	4±0.20	19±0.50	R8×40	8±0.40	40±0.50
R4×20	4±0.20	20±0.50	R10×6	10±0.50	6±0.40
R4×25	4±0.20	25±0.50	R10×12	10±0.50	12±0.40
R4.5×19	4.5±0.20	19±0.50	R10×20	10±0.50	20±0.50
R5×4	5±0.20	4±0.40	R10×22	10±0.50	22±0.50
R5×10	5±0.20	10±0.40	R10×30	10±0.50	30±0.50
R5×12	5±0.20	12±0.40	RWW3×8	3±0.20	8±0.40
R5×13	5±0.20		ROO3×10	3±0.20	10±0.40
R5×15	5±0.20	15±0.50	ROO4×15	4±0.20	15±0.50
R5×18	5±0.20	18±0.50	RWW4×20	4±0.20	20±0.50
R5×20	5±0.20	20±0.50	ROO5×15	5±0.30	15±0.50
R5×21.5	5±0.20	21.5±0.50	ROO5×20	5±0.30	20±0.50
R5×24	5±0.20	24±0.50			
R5×25	5±0.20	25±0.50			
R5×30	5±0.20	30±0.50			
R5.5×17	5.5±0.20	17±0.50			