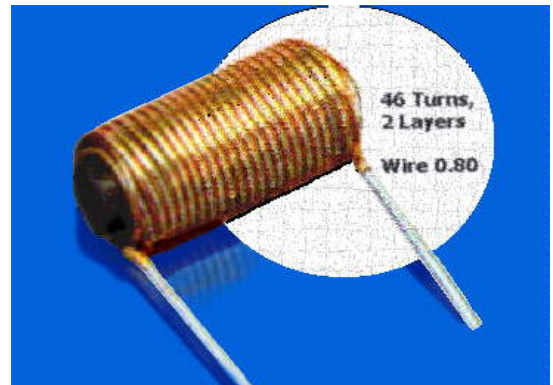


VC/FC Series

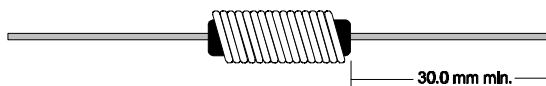
The VC and FC range custom developed high power inductors from ECM offer a comprehensive and uniquely definable range of preferred by many of Europe's leading power supply and drives manufacturers.

The variation of winding styles and core sizes available means these components can, easily and affordably be customised to suit your specific application needs.



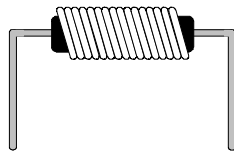
How to specify winding styles :-

VC



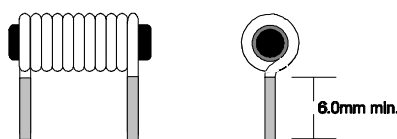
Standard Winding Direction	Anti-Clockwise
Typical Lead Diameter	0.90 mm aprox.
Tinning Tolerance	n/a
Part Number Suffix	None
Standard Packing	Bulk (1000pcs)*

VC-U



Standard Winding Direction	Anti-Clockwise
Typical Lead Diameter	0.90 mm aprox.
Tinning Tolerance	n/a
Part Number Suffix	U
Standard Packing	Bulk (1000pcs)

FC



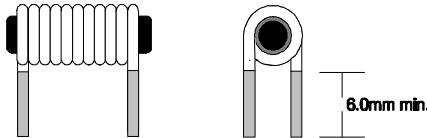
Standard Winding Direction	Anti-Clockwise
Typical Lead Diameter	As per winding
Tinning Tolerance	2mm max. to body
Part Number Suffix	None
Standard Packing	Bulk (1000pcs)

***Tape and reel, an option for smaller core sizes (MOQ 3000pcs)**

ECM Custom Designed Chokes

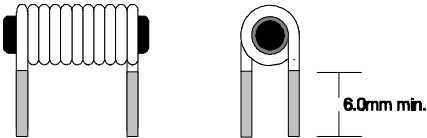
How to specify winding styles, continued: -

FC-R



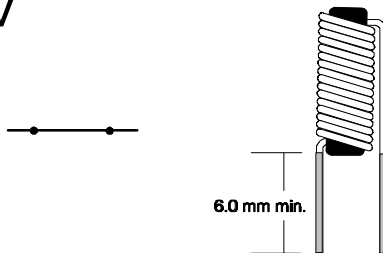
Standard Winding Direction	Clockwise
Typical Lead Diameter	As per winding
Tinning Tolerance	2 mm max. to body
Part Number Suffix	R
Standard Packing	Bulk (1000pcs)

FC-L



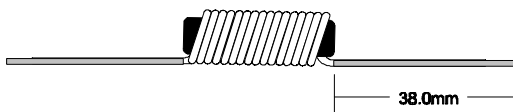
Standard Winding Direction	Anti-Clockwise
Typical Lead Diameter	As per winding
Tinning Tolerance	2 mm max. to body
Part Number Suffix	L
Standard Packing	Bulk (1000pcs)

FC-RV



Standard Winding Direction	Clockwise
Typical Lead Diameter	As per winding
Tinning Tolerance	1 mm max. to body
Part Number Suffix	RV
Standard Packing	Bulk (1000pcs)

FC-H



Standard Winding Direction	Clockwise
Typical Lead Diameter	As per winding
Tinning Tolerance	1 mm max. to body
Part Number Suffix	H
Standard Packing	Bulk (1000pcs)

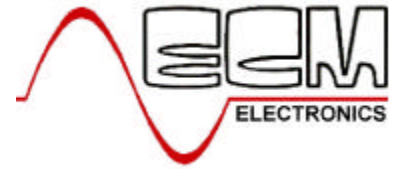
Suitable wire sizes: -

Nominal Current Rating	Wire Ø	Nominal Current Rating	Wire Ø
0.3 Amp	0.25 mm	4.0 Amps	0.71 mm
0.5 Amp	0.30 mm	5.0 Amps	0.80 mm
1.0 Amp	0.45 mm	6.0 Amps	0.90 mm
2.0 Amps	0.55 mm	7.0 Amps	1.00mm
3.0 Amps	0.65 mm	10.0 Amps	1.30mm

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Although we have attempted to accurately reflect the products we market. ECM reserve the right without prior notice to discontinue any product or make design changes we believe necessary.

ECM Custom Designed Chokes

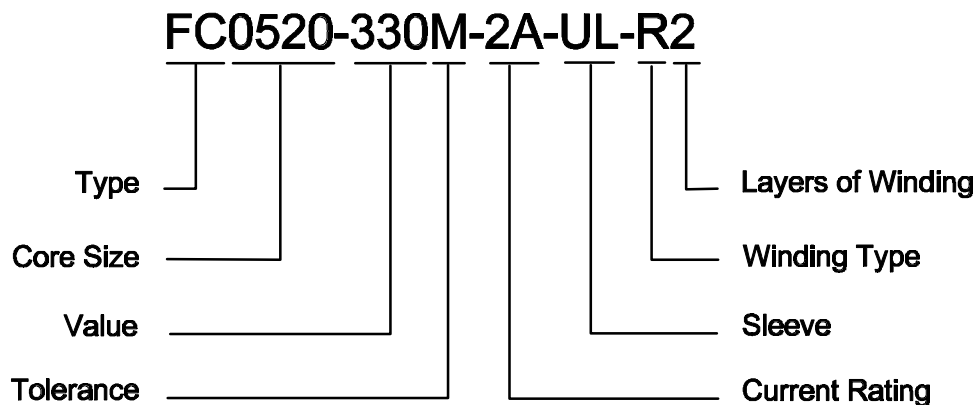


Available core sizes: -

ECM No.	Size (mm) Dia. X Length	Availability	Notes	Popular Type
0205	2 X 5.5	FC only	0.15 μ H ~ 1.2 μ H @ 0.5 Amp	
0310	3 X 10	FC only	1.20 μ H ~ 6.8 μ H @ 0.5 Amp	
3520	3.5 X 20	FC only	1.20 μ H ~ 6.8 μ H @ 4 Amps	•
0410	4 X 10	VC only	0.15 μ H ~ 10 μ H @ 1 Amp	•
0415	4 X 15	FC only	2.20 μ H ~ 10 μ H @ 2 Amps	•
0420	4 X 20	FC only	2.20 μ H ~ 6.8 μ H @ 4 Amps	•
0513	5 X 13	VC only	3.9 μ H ~ 100 μ H @ 1.5 Amp*	•
0520	5 X 20	VC and FC	2.20 μ H ~ 6.8 μ H @ 5 Amps	•
0610	6 X 10	FC only	2.20 μ H ~ 6.8 μ H @ 6 Amps	
0616	6 X 16	VC and FC	2.20 μ H ~ 15 μ H @ 3 Amps	•
0622	6 X 22	VC and FC	2.20 μ H ~ 10 μ H @ 6 Amps	•
0630	6 X 30	VC and FC	2.20 μ H ~ 15 μ H @ 6 Amps	
0828	8 X 28	FC only	up to 100 μ H @ 2 Amps	
1019	10 X 19	VC only	3.9 μ H ~ 100 μ H @ 3.5 Amp*	•
1025	10 X 25	FC only	up to 100 μ H @ 3 Amps	
1032	10 X 32	FC only	up to 100 μ H @ 4 Amps	
1040	10 X 40	FC only	5.6 μ H ~ 20 μ H @ 10 Amps	

*See power devices VC0513 / VC1019 for full table of values

ECM part No.



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