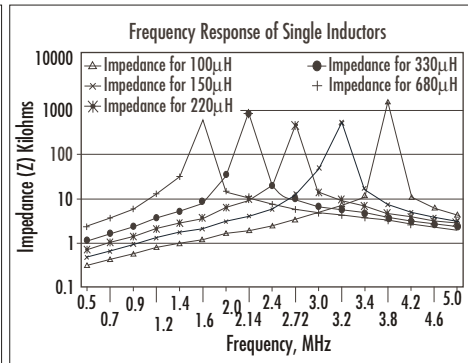
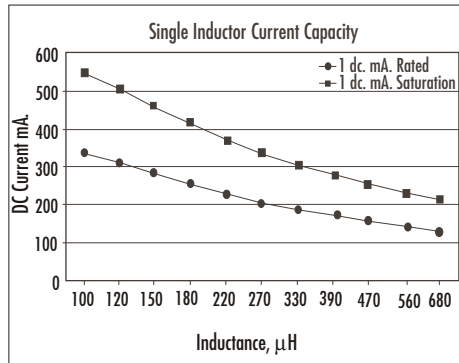
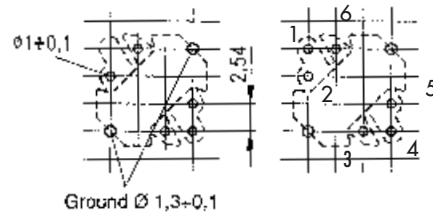


RM4 Inductors

- Inductance Range 100 to 680 μH
- Fixed or Tuneable up to 19%
- Temperature Range -20 to 120° C
- Core Material Curie Temperature > 150° C



Mechanical Data
 Mass 3.2gm approx.
 10.5 x 10.5 plan x 11 mm height



Part Numbering System

Example - RM 4F 102 S

Style	Inductance Value	Form
RM Pinned Bobbin	102 = 100 μH	S - single
RS Surface Mount	122 = 120 μH	C - common mode
	152 = 150 μH	D - differential
	222 = 220 μH	
	182 = 180 μH	
	332 = 330 μH	
		392 = 390 μH
		472 = 470 μH
		562 = 560 μH
		682 = 680 μH

Example RM4F102S = RM4 100 μH fixed single inductor with pinned bobbin.

Other values & package styles available on request.

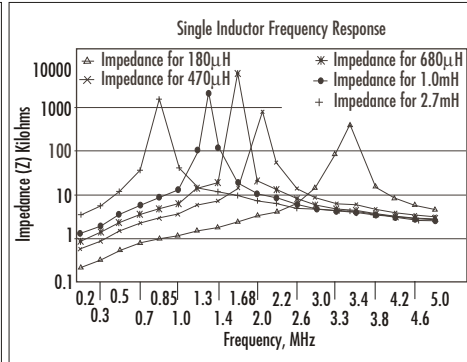
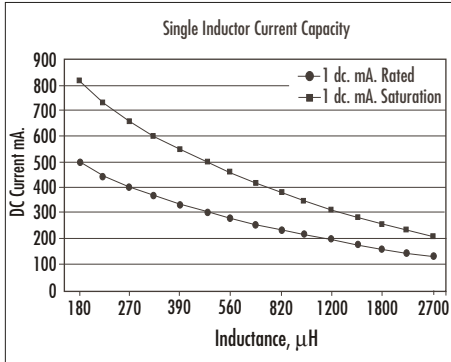
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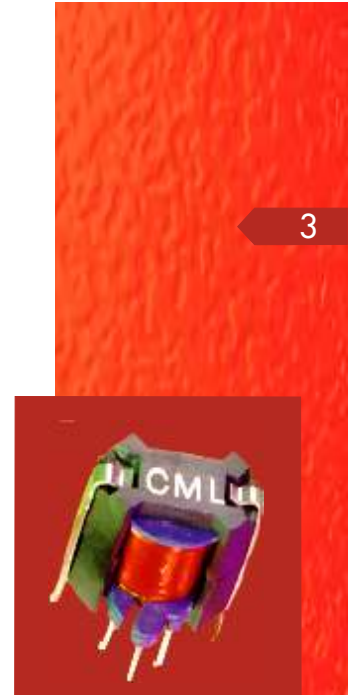
rm4
inductors



RM5 Inductors



Mechanical Data
 Mass 5gm approx.
 13.5 x 13.5 plan x 11mm height



Part Numbering System

Example - RM 5F 682 S

Style RM Pinned Bobbin RS Surface Mount	Inductance Value	Form S - single C - common mode D - differential																											
Size 5F - Fixed 5T - Tuneable.	<table border="1"> <thead> <tr> <th>Preferred values</th> <th>Extended Range</th> <th>Specials</th> </tr> </thead> <tbody> <tr> <td>472 = 470 µH</td> <td>392 = 390 µH</td> <td>182 = 180 µH</td> </tr> <tr> <td>682 = 680 µH</td> <td>562 = 560 µH</td> <td>222 = 220 µH</td> </tr> <tr> <td>103 = 1.0 mH</td> <td>822 = 820 µH</td> <td>272 = 270 µH</td> </tr> <tr> <td></td> <td>123 = 1.2 mH</td> <td>332 = 330 µH</td> </tr> <tr> <td></td> <td></td> <td>153 = 1.5mH</td> </tr> <tr> <td></td> <td></td> <td>183 = 1.8mH</td> </tr> <tr> <td></td> <td></td> <td>223 = 2.2mH</td> </tr> <tr> <td></td> <td></td> <td>273 = 2.7mH</td> </tr> </tbody> </table>	Preferred values	Extended Range	Specials	472 = 470 µH	392 = 390 µH	182 = 180 µH	682 = 680 µH	562 = 560 µH	222 = 220 µH	103 = 1.0 mH	822 = 820 µH	272 = 270 µH		123 = 1.2 mH	332 = 330 µH			153 = 1.5mH			183 = 1.8mH			223 = 2.2mH			273 = 2.7mH	
Preferred values	Extended Range	Specials																											
472 = 470 µH	392 = 390 µH	182 = 180 µH																											
682 = 680 µH	562 = 560 µH	222 = 220 µH																											
103 = 1.0 mH	822 = 820 µH	272 = 270 µH																											
	123 = 1.2 mH	332 = 330 µH																											
		153 = 1.5mH																											
		183 = 1.8mH																											
		223 = 2.2mH																											
		273 = 2.7mH																											

Example RM5F682S = RM5 680µH fixed single inductor with pinned bobbin.

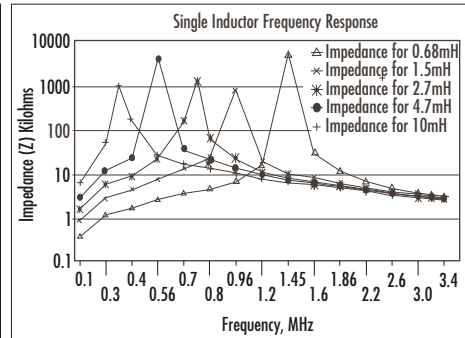
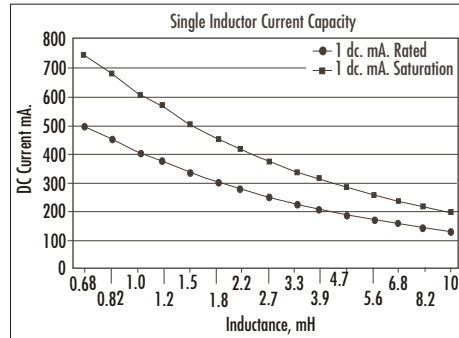
Other values & package styles available on request.

- Inductance Range 180µH - 2.7mH
- Fixed or Tuneable up to 15%
- Temperature Range -20 to 120°C
- Core Material Curie Temperature >150°C



RM6 Inductors

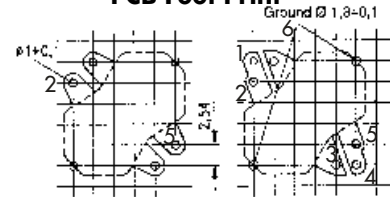
- **Inductance Range**
180µH to 27mH
- **Fixed or Tuneable up to 17%**
- **Temperature Range**
-20 to 120°C
- **Core Material Curie Temperature** > 150°C



Mechanical Data
Mass 7.5gm approx.
15.5 x 15.5 plan x 13mm height



PCB Foot Print



Part Numbering System

Example - RM 6F 333 S

Style	Inductance Value	Form
RM Pinned Bobbin		S - single
RS Surface Mount		C - common mode
		D - differential

Size
6F - Fixed
6T - Tuneable.

Preferred values	Extended Range	Specials
153 = 1.5mH	183 = 1.8mH	682 = 0.68mH 563 = 5.6mH
223 = 2.2mH	273 = 2.7mH	822 = 0.82mH 683 = 6.8mH
333 = 3.3 mH	393 = 3.9mH	103 = 1.0mH 823 = 8.2mH
473 = 4.7mH		123 = 1.2mH 104 = 10mH

Example RM6F333S = RM5 3.3mH fixed single inductor with pinned bobbin.

Other values & package styles available on request.

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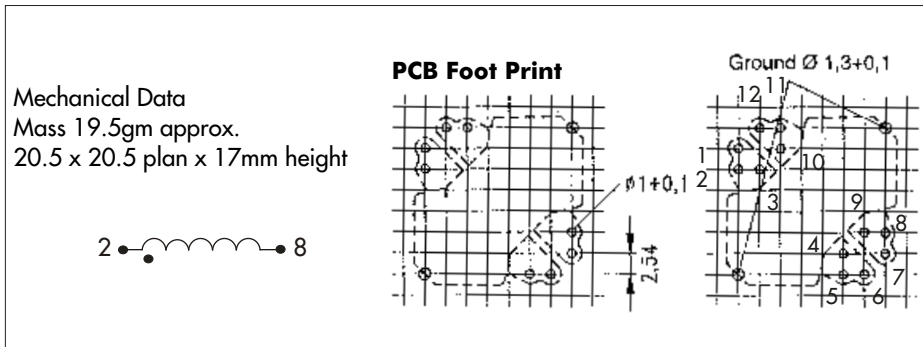
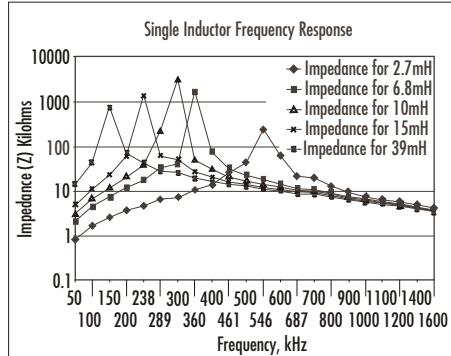
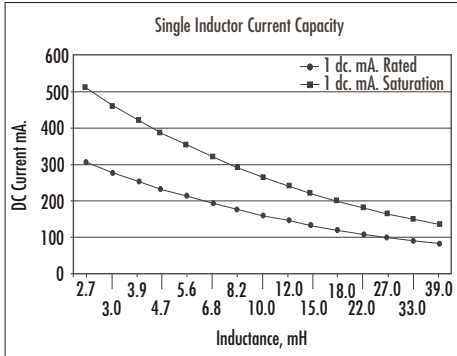
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inductors



RM8 Inductors



Part Numbering System

Example - RM 8F 104 S

Style RM Pinned Bobbin	Inductance Value 8F 104	Form S - single C - common mode D - differential
Size 8F - Fixed 8T - Tuneable.	Preferred values 683 = 6.8mH 104 = 10mH 154 = 15mH	Extended Range 563 = 5.6mH 823 = 8.2mH 124 = 12mH 184 = 18mH
	Specials 273 = 2.7mH 333 = 3.3mH 393 = 3.9mH 473 = 4.7mH	Specials 224 = 22mH 274 = 27mH 334 = 33mH 394 = 39mH

Example RM8F104S = RM8 10mH fixed single inductor with pinned bobbin.

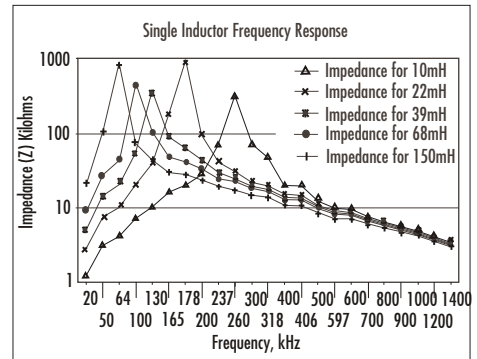
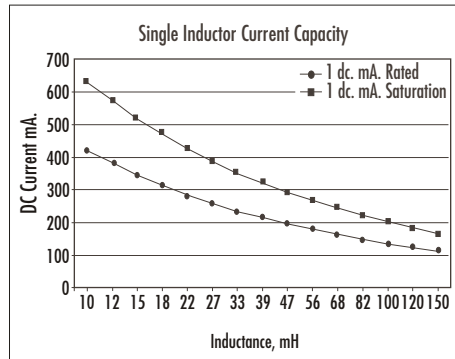
Other values & package styles available on request.

- Inductance Range 2.7mH to 39mH
- Fixed or Tuneable up to 12%
- Temperature Range -20 to 120°C
- Core Material Curie Temperature >150°C



RM10 Inductors

- Inductance Range 10mH to 150mH
- Temperature Range -20 to 120°C
- Core Material Curie Temperature > 150°C



Mechanical Data
Mass 36gm approx.
26 x 26 plan x 19.5mm height

PCB Foot Print

Ground $\varnothing 1.3 \pm 0.1$

Part Numbering System

Example - **RM 10 474 S**

Style RM Pinned Bobbin

Size 10

Inductance Value

Form S - single, C - common mode, D - differential

Preferred values	Extended Range	Specials
224 = 22mH	274 = 27mH	104 = 10mH 824 = 82mH
334 = 33mH	394 = 39mH	124 = 12mH 105 = 100mH
474 = 47mH	564 = 56mH	154 = 15mH 125 = 120mH
684 = 68mH		184 = 18mH 155 = 150mH

Example RM10474S = RM10 47mH fixed single inductor with pinned bobbin.

Other values & package styles available on request.

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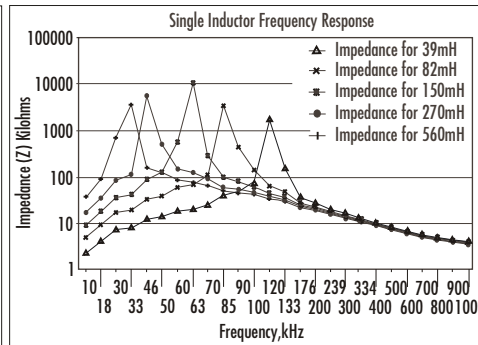
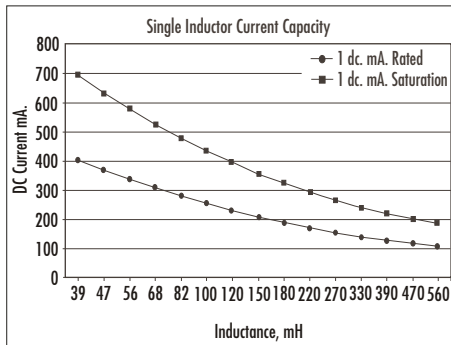
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rm10
inductors

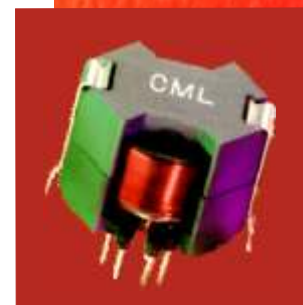


RM12 Inductors



Mechanical Data
 Mass 72gm approx.
 31 x 31 plan x 25mm height

PCB Foot Print



Part Numbering System

Example - **RM 12 155 S**

Style RM Pinned Bobbin

Size 12

Inductance Value 155

Form S - single
 C - common mode
 D - differential

Preferred values	Extended Range	Specials
105 = 100mH	824 = 82mH	394 = 39mH 335 = 330mH
155 = 150mH	125 = 120mH	474 = 47mH 395 = 390mH
225 = 220mH	185 = 180mH	554 = 56mH 475 = 470mH
	275 = 270mH	684 = 68mH 555 = 560mH

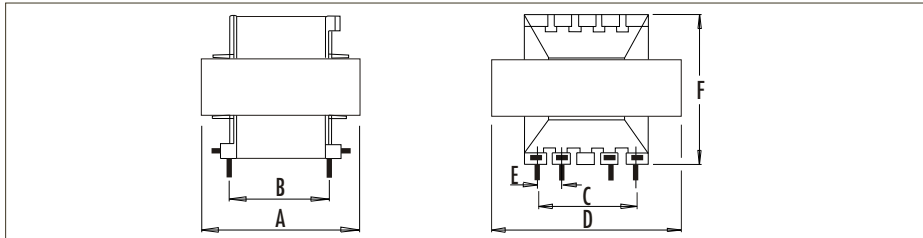
Example RM12155S = RM12 150mH fixed single inductor with pinned bobbin.
 Other values & package styles available on request.

- Inductance Range 39mH to 560mH
- Temperature Range -20 to 120°C
- Core Material Curie Temperature > 150°C

rm12
inductors



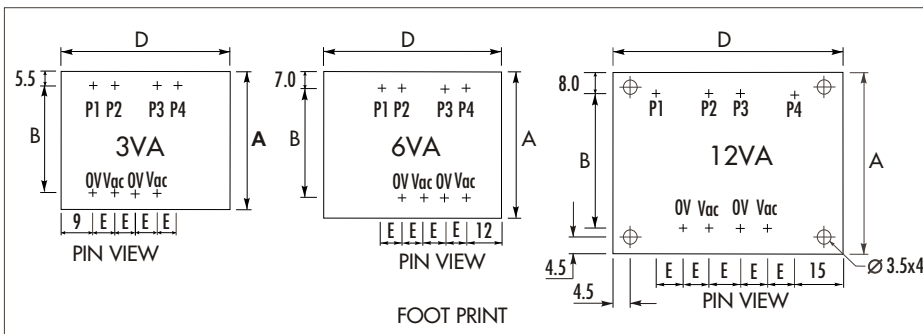
PCB Mounting Transformers



Power (VA)	Mass (kg)	Regulation (%)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
3	0.17	20	36	23.0	20.3	43	5.08	35
6	0.23	20	40	25.4	25.4	48	5.08	38
12	0.31	20	44	28.0	25.4	53	5.08	41

230 input : apply to P1 and P4; link P2 to P3

115V input : apply to P1 and P2; link P3 to P1; link P4 to P2



Example - L 003 P 20 S

Output Power	Style	Voltage Output	Finish Options
003 = 3VA 006 = 6VA 012 = 12VA	P = pcb	06 = 2x6V 09 = 2x9V 12 = 2x12V 15 = 2x15V 18 = 2x18V 20 = 2x20V 24 = 2x24V	I = Vacuum impregnation E = Additional Enveloping* S = Single 230V Input

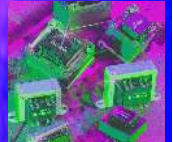
Example L003P20S = Pcb mounted 230V input, 2x20V output, 3VA transformer with standard varnish finish and pcb terminations.

* Available for certain sizes - please call for details.

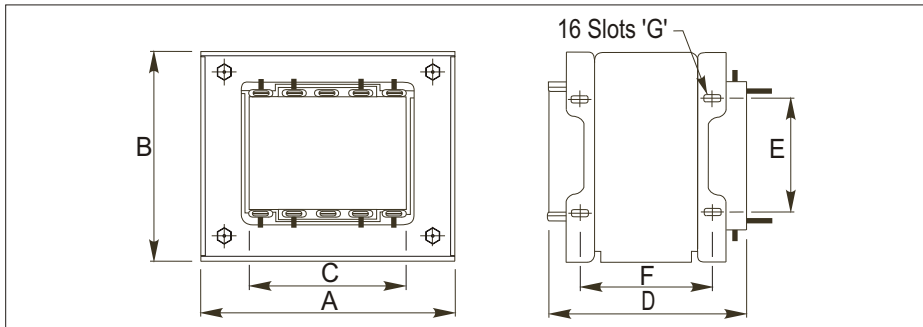


- Input voltages, single 230V or dual 115V/230V 50/60Hz
- Reinforced isolation - tested at 3kVrms
- Transformers dip coated in varnish as standard
- PCB terminations
- Operational ambient temperature range -20°C to +50°C

pcb mounting transformers



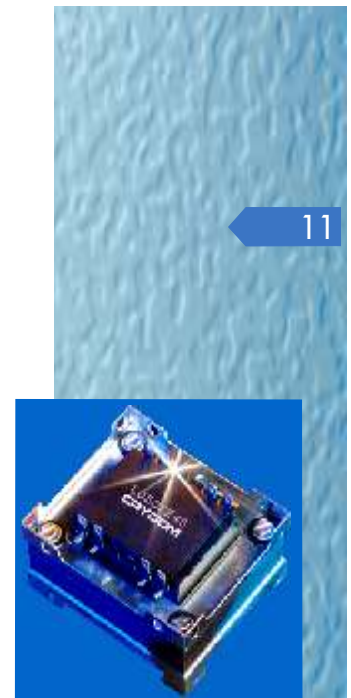
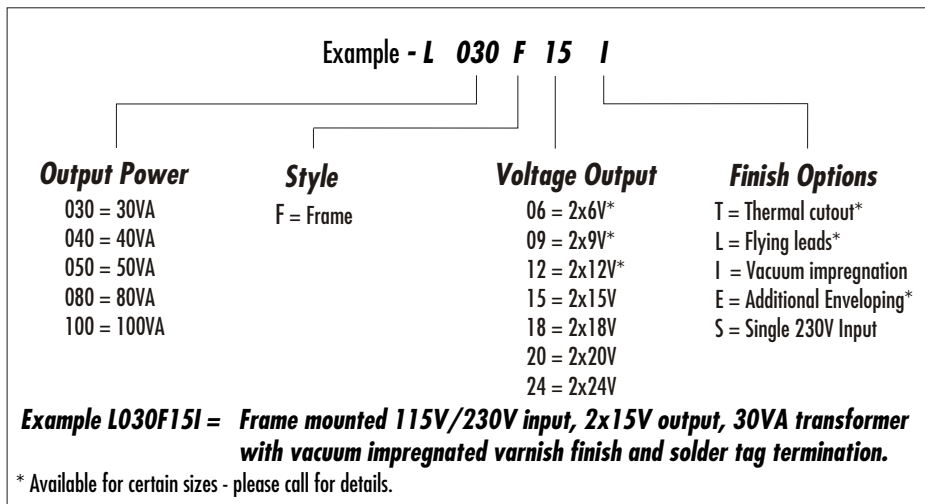
Frame Mount Transformers



Power (VA)	Mass (kg)	Regulation (%)	A (mm)	B (mm)	C* (mm)	D (mm)	E* (mm)	F* (mm)	G (mm)
30	0.64	20	70	59	45	51	45	35	7 x 4
40	0.68	15	70	59	45	60	45	45	7 x 4
50	1	10	79	67	54	56	54	40	8 x 4
80	1.5	9	89	75	57	64	57	43	8 x 4.7
100	2.0	6	99	83	64	71	64	43	8 x 4.7

*Recommended fixing centres

Part Numbering System



- Input voltages, single 230V or dual 115V/230V 50/60Hz
- Reinforced insulation - tested at 3kVrms
- Transformers dip coated in varnish as standard
- Solder tag terminations
- Operational ambient temperature range -20°C to +50°C

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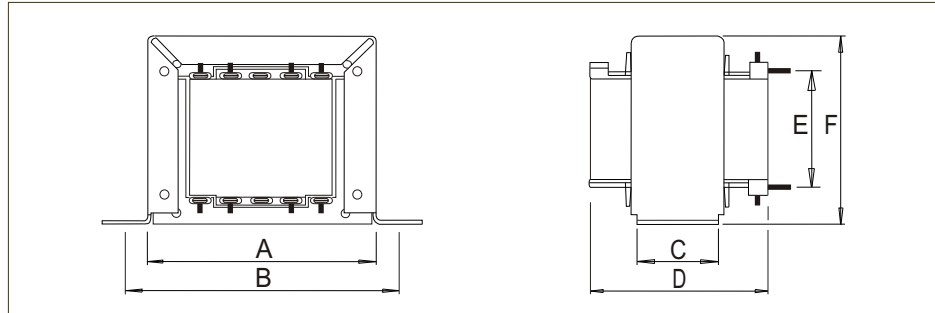
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frame mount transformers



Chassis Transformers



Power (VA)	Mass (kg)	Regulation (%)	A (mm)	B* (mm)	C (mm)	D (mm)	E (mm)	F (mm)
3	0.17	20	45	54	16	35	23	37
6	0.23	20	50	60	18	38	25	41
12	0.31	20	56	68	20	41	28	47
20	0.53	15	59	73	28	52	31	50
30	0.64	20	70	83	24	51	36	56
40	0.68	15	70	83	34	60	36	56
50	1	10	78	92	27	56	41	65

*Recommended fixing centres

Part Numbering System

Example - L 003 C 15 I

Output Power

003 = 3VA
006 = 6VA
012 = 12VA
020 = 20VA
030 = 30VA
040 = 40VA
050 = 50VA

Style

C = chassis

Voltage Output

06 = 2x6V
09 = 2x9V
12 = 2x12V
15 = 2x15V
18 = 2x18V
20 = 2x20V
24 = 2x24V

Finish Options

T = Thermal cutout*
L = Flying leads*
I = Vacuum impregnation
E = Additional Enveloping*
S = Single 230V Input

Example L003C15I = Chassis mounted 115V/230V input, 2x15V output, 3VA transformer with vacuum impregnated varnish finish and solder tag termination.

* Available for certain sizes - please call for details.

- Input voltages, single 230V or dual 115V/230V 50/60Hz
- Reinforced isolation - tested at 3kVrms
- Transformers dip coated in varnish as standard
- Solder tag terminations
- Operational ambient temperature range -20°C to +50°C



**chassis
transformers**

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