



## Modelithics CLR Library

### Version 4.1 Release Notes

April 20, 2007

The following models have been added in version 4.1:

Vendor	Vendor Part Number	Modelithics Model Part Number	Body Style	Part Values
ATC	600L	CAP-ATC-0402-101 <sup>1,2</sup>	0402	0.1 – 27 pF
ATC	600S	CAP-ATC-0603-101 <sup>1,2</sup>	0603	0.1 – 100 pF
ATC	600F	CAP-ATC-0805-101 <sup>2,3</sup>	0805	0.1 – 240 pF
ATC	545L	CAP-ATC-545L-001 <sup>2</sup>	0402	100 nF
Johanson	R07S	CAP-JOH-0402-001 <sup>2</sup>	0402	0.2 – 27 pF
Johanson	R14S	CAP-JOH-0603-001	0603	0.2 – 27 pF
Coilcraft	0402CS	IND-CLC-0402-101 <sup>2</sup>	0402	1 – 100 nH
Johanson	L07W	IND-JOH-0402-001	0402	1 – 120 nH
Johanson	L07C	IND-JOH-0402-002	0402	1 – 120 nH
Barry Ind.	RK0603ZZ	RES-BAI-0603-001	0603	50 – 100 Ohm
Barry Ind.	RE0805CT	RES-BAI-0805-001	0805	50 – 100 Ohm
Barry Ind.	RY0805CT	RES-BAI-0805-002	0805	50 – 100 Ohm
Barry Ind.	RE1005CT	RES-BAI-1005-001	1005	50 – 100 Ohm
Barry Ind.	RY1005CT	RES-BAI-1005-002	1005	50 – 100 Ohm
Barry Ind.	REC1206CT	RES-BAI-1206-001	1206	50 – 100 Ohm
Barry Ind.	RYC1206CT	RES-BAI-1206-002	1206	50 – 100 Ohm
Barry Ind.	RZC1206CT	RES-BAI-1206-003	1206	50 – 100 Ohm
Barry Ind.	RZC1206CT	RES-BAI-1206-004 <sup>4</sup>	1206	50 – 100 Ohm
Murata	BLM18HG102SN1	FBD-MUR-0603-001 <sup>5</sup>	0603	1000 Ohm

<sup>1</sup> Horizontal and vertical orientation can be chosen by the user.

<sup>2</sup> Pad scalable model.

<sup>3</sup> Vertical orientations only.

<sup>4</sup> 1-port termination model.

<sup>5</sup> Ferrite bead.

#### Special Release Notes:

- All models now allow pad effects to be disabled, enabling user-specified pad effects to be applied. This feature is accessed by setting the Sim\_Mode input parameter to 2.
- The layout geometry associated with a pad scalable model is static, i.e. it will not adjust according to user-specified values at this time (the dimensions are fixed at the default pad dimensions).

For information on obtaining Version 4.1, please contact [sales@Modelithics.com](mailto:sales@Modelithics.com).  
 For help in upgrading to Version 4.1, please contact [support@Modelithics.com](mailto:support@Modelithics.com).