






# THE DATASHEET OF SRU50-LAB1








## Design Kits - Inductive Components

Bourns products include surface-mount chip inductors, power chokes, chip beads, chip bead arrays, as well as radial-leaded and axial-leaded inductors. These components are used in computer, communication, instrumentation, industrial, and medical applications.

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Kit Number	<a href="#">CF252016-LAB1</a>	<a href="#">CF322513-LAB1</a>	<a href="#">CI100505-LAB1</a>
Kit Photo			
Part Numbers	<a href="#">CF252016-R10K</a> <a href="#">CF252016-R15K</a> <a href="#">CF252016-R22K</a> <a href="#">CF252016-R33K</a> <a href="#">CF252016-R47K</a> <a href="#">CF252016-R68K</a> <a href="#">CF252016-1R0K</a> <a href="#">CF252016-1R5K</a> <a href="#">CF252016-2R2K</a> <a href="#">CF252016-3R3K</a> <a href="#">CF252016-4R7K</a> <a href="#">CF252016-6R8K</a> <a href="#">CF252016-100K</a> <a href="#">CF252016-150K</a> <a href="#">CF252016-180K</a> <a href="#">CF252016-220K</a> <a href="#">CF252016-270K</a> <a href="#">CF252016-330K</a> (20 of each in every labkit)	<a href="#">CF322513-R12K</a> <a href="#">CF322513-R15K</a> <a href="#">CF322513-R22K</a> <a href="#">CF322513-R33K</a> <a href="#">CF322513-R47K</a> <a href="#">CF322513-R68K</a> <a href="#">CF322513-1R0K</a> <a href="#">CF322513-1R5K</a> <a href="#">CF322513-2R2K</a> <a href="#">CF322513-3R3K</a> <a href="#">CF322513-4R7K</a> <a href="#">CF322513-6R8K</a> <a href="#">CF322513-100K</a> <a href="#">CF322513-150K</a> <a href="#">CF322513-180K</a> <a href="#">CF322513-220K</a> <a href="#">CF322513-270K</a> <a href="#">CF322513-330K</a> (25 of each in every labkit)	<a href="#">CI100505-1N0D</a> <a href="#">CI100505-1N2D</a> <a href="#">CI100505-1N5D</a> <a href="#">CI100505-1N8D</a> <a href="#">CI100505-2N2D</a> <a href="#">CI100505-2N7D</a> <a href="#">CI100505-3N3D</a> <a href="#">CI100505-3N9D</a> <a href="#">CI100505-4N7D</a> <a href="#">CI100505-5N6D</a> <a href="#">CI100505-6N8J</a> <a href="#">CI100505-10NJ</a> <a href="#">CI100505-15NJ</a> <a href="#">CI100505-22NJ</a> <a href="#">CI100505-33NJ</a> <a href="#">CI100505-47NJ</a> <a href="#">CI100505-68NJ</a> <a href="#">CI100505-R10J</a> (40 of each in every labkit)

Kit Number	<a href="#">CI160808-LAB1</a>	<a href="#">CE201210-LAB1</a>	<a href="#">CM100505-LAB1</a>	<a href="#">CM160808-LAB1</a>
Kit Photo				
Part Numbers	<a href="#">CI160808-1N0D</a> <a href="#">CI160808-1N2D</a> <a href="#">CI160808-1N5D</a> <a href="#">CI160808-1N8D</a> <a href="#">CI160808-2N2D</a> <a href="#">CI160808-2N7D</a> <a href="#">CI160808-3N3D</a> <a href="#">CI160808-4N7D</a> <a href="#">CI160808-6N8J</a> <a href="#">CI160808-10NJ</a> <a href="#">CI160808-15NJ</a> <a href="#">CI160808-22NJ</a> <a href="#">CI160808-33NJ</a> <a href="#">CI160808-47NJ</a> <a href="#">CI160808-68NJ</a> <a href="#">CI160808-R10J</a> <a href="#">CI160808-R15J</a> <a href="#">CI160808-R22J</a> (20 of each in every labkit)	<a href="#">CE201210-1N5D</a> <a href="#">CE201210-2N2D</a> <a href="#">CE201210-3N3K</a> <a href="#">CE201210-4N7K</a> <a href="#">CE201210-6N8K</a> <a href="#">CE201210-10NJ</a> <a href="#">CE201210-15NJ</a> <a href="#">CE201210-22NJ</a> <a href="#">CE201210-33NJ</a> <a href="#">CE201210-47NJ</a> <a href="#">CE201210-68NJ</a> <a href="#">CE201210-R10J</a> <a href="#">CE201210-R15J</a> <a href="#">CE201210-R22J</a> <a href="#">CE201210-R27J</a> <a href="#">CE201210-R33J</a> <a href="#">CE201210-R39J</a> <a href="#">CE201210-R47J</a> (40 of each in every labkit)	<a href="#">CM100505-1N0DL</a> <a href="#">CM100505-1N2DL</a> <a href="#">CM100505-1N5DL</a> <a href="#">CM100505-1N8DL</a> <a href="#">CM100505-2N2DL</a> <a href="#">CM100505-2N7DL</a> <a href="#">CM100505-3N3DL</a> <a href="#">CM100505-3N9DL</a> <a href="#">CM100505-4N7DL</a> <a href="#">CM100505-5N6DL</a> <a href="#">CM100505-6N8DL</a> <a href="#">CM100505-8N2DL</a> <a href="#">CM100505-10NJL</a> <a href="#">CM100505-15NJL</a> <a href="#">CM100505-22NJL</a> <a href="#">CM100505-33NJL</a> <a href="#">CM100505-39NJL</a> <a href="#">CM100505-47NJL</a> (40 of each in every labkit)	<a href="#">CM160808-1N5D</a> <a href="#">CM160808-1N8D</a> <a href="#">CM160808-2N2D</a> <a href="#">CM160808-2N7D</a> <a href="#">CM160808-3N3D</a> <a href="#">CM160808-3N9J</a> <a href="#">CM160808-4N7J</a> <a href="#">CM160808-5N6J</a> <a href="#">CM160808-6N8J</a> <a href="#">CM160808-8N2J</a> <a href="#">CM160808-10NJ</a> <a href="#">CM160808-12NJ</a> <a href="#">CM160808-15NJ</a> <a href="#">CM160808-22NJ</a> <a href="#">CM160808-33NJ</a> <a href="#">CM160808-47NJ</a> <a href="#">CM160808-68NJ</a> <a href="#">CM160808-R10J</a> (40 of each in every labkit)

Kit Number	<a href="#">CM201212-LAB1</a>	<a href="#">CM252016-LAB1</a>	<a href="#">CM322522-LAB1</a>	<a href="#">CM453232-LAB1</a>
Kit Photo				
Part Numbers	<a href="#">CM201212-3N9M</a> <a href="#">CM201212-4N7M</a> <a href="#">CM201212-5N6M</a> <a href="#">CM201212-6N8M</a> <a href="#">CM201212-8N2M</a> <a href="#">CM201212-10NK</a> <a href="#">CM201212-15NK</a> <a href="#">CM201212-22NK</a> <a href="#">CM201212-33NK</a> <a href="#">CM201212-47NK</a> <a href="#">CM201212-68NK</a> <a href="#">CM201212-R10K</a> <a href="#">CM201212-R15K</a> <a href="#">CM201212-R22K</a> <a href="#">CM201212-R33K</a> <a href="#">CM201212-R47K</a> <a href="#">CM201212-R68K</a>	<a href="#">CM252016-10NK</a> <a href="#">CM252016-15NK</a> <a href="#">CM252016-22NK</a> <a href="#">CM252016-33NK</a> <a href="#">CM252016-47NK</a> <a href="#">CM252016-68NK</a> <a href="#">CM252016-R10K</a> <a href="#">CM252016-R15K</a> <a href="#">CM252016-R22M</a> <a href="#">CM252016-R33M</a> <a href="#">CM252016-R47M</a> <a href="#">CM252016-R68M</a> <a href="#">CM252016-1R0K</a> <a href="#">CM252016-1R5K</a> <a href="#">CM252016-2R2K</a> <a href="#">CM252016-3R3K</a> <a href="#">CM252016-4R7K</a>	<a href="#">CM322522-R10M</a> <a href="#">CM322522-R15M</a> <a href="#">CM322522-R22M</a> <a href="#">CM322522-R33M</a> <a href="#">CM322522-R47M</a> <a href="#">CM322522-R68M</a> <a href="#">CM322522-1R0K</a> <a href="#">CM322522-1R5K</a> <a href="#">CM322522-2R2K</a> <a href="#">CM322522-3R3K</a> <a href="#">CM322522-4R7K</a> <a href="#">CM322522-6R8K</a> <a href="#">CM322522-100K</a> <a href="#">CM322522-150K</a> <a href="#">CM322522-220K</a> <a href="#">CM322522-330K</a> <a href="#">CM322522-470K</a>	<a href="#">CM453232-R10M</a> <a href="#">CM453232-R15M</a> <a href="#">CM453232-R22M</a> <a href="#">CM453232-R33M</a> <a href="#">CM453232-R47M</a> <a href="#">CM453232-R68M</a> <a href="#">CM453232-1R0K</a> <a href="#">CM453232-1R5K</a> <a href="#">CM453232-2R2K</a> <a href="#">CM453232-3R3K</a> <a href="#">CM453232-4R7K</a> <a href="#">CM453232-6R8K</a> <a href="#">CM453232-100K</a> <a href="#">CM453232-150K</a> <a href="#">CM453232-220K</a> <a href="#">CM453232-330K</a> <a href="#">CM453232-470K</a>




	<a href="#">CM201212-1R0K</a> (30 of each in every labkit)	<a href="#">CM252016-6R8K</a> <a href="#">CM252016-100K</a> <a href="#">CM252016-150K</a> <a href="#">CM252016-220K</a> <a href="#">CM252016-330K</a> <a href="#">CM252016-470K</a> <a href="#">CM252016-680K</a> <a href="#">CM252016-101K</a> (20 of each in every labkit)	<a href="#">CM322522-680K</a> <a href="#">CM322522-101K</a> <a href="#">CM322522-151K</a> <a href="#">CM322522-221K</a> (10 of each in every labkit)	<a href="#">CM453232-680K</a> <a href="#">CM453232-101K</a> <a href="#">CM453232-151K</a> <a href="#">CM453232-221K</a> <a href="#">CM453232-331K</a> <a href="#">CM453232-471K</a> <a href="#">CM453232-681K</a> <a href="#">CM453232-102K</a> (10 of each in every labkit)
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<b>Kit Number</b>	<a href="#">CS160808-LAB1</a>	<a href="#">CV201210-LAB1</a>	<a href="#">CS321613-LAB1</a>	<a href="#">CW160808-LAB1</a>
<b>Kit Photo</b>				
<b>Part Numbers</b>	<a href="#">CS160808-47NK</a> <a href="#">CS160808-68NK</a> <a href="#">CS160808-R10K</a> <a href="#">CS160808-R12K</a> <a href="#">CS160808-R15K</a> <a href="#">CS160808-R18K</a> <a href="#">CS160808-R22K</a> <a href="#">CS160808-R27K</a> <a href="#">CS160808-R33K</a> <a href="#">CS160808-R39K</a> <a href="#">CS160808-R47K</a> <a href="#">CS160808-R56K</a> <a href="#">CS160808-R68K</a> <a href="#">CS160808-R82K</a> <a href="#">CS160808-1R0K</a> <a href="#">CS160808-1R2K</a> <a href="#">CS160808-1R5K</a> <a href="#">CS160808-2R2K</a> (40 of each in every labkit)	<a href="#">CV201210-47NK</a> <a href="#">CV201210-68NK</a> <a href="#">CV201210-R10K</a> <a href="#">CV201210-R15K</a> <a href="#">CV201210-R22K</a> <a href="#">CV201210-R33K</a> <a href="#">CV201210-R47K</a> <a href="#">CV201210-R68K</a> <a href="#">CV201210-1R0K</a> <a href="#">CV201210-1R5K</a> <a href="#">CV201210-2R2K</a> <a href="#">CV201210-3R3K</a> <a href="#">CV201210-4R7K</a> <a href="#">CV201210-6R8K</a> <a href="#">CV201210-100K</a> <a href="#">CV201210-150K</a> <a href="#">CV201210-220K</a> <a href="#">CV201210-330K</a> (30 of each in every labkit)	<a href="#">CS321613-47NK</a> <a href="#">CS321613-68NK</a> <a href="#">CS321613-R10K</a> <a href="#">CS321613-R15K</a> <a href="#">CS321613-R22K</a> <a href="#">CS321613-R33K</a> <a href="#">CS321613-R47K</a> <a href="#">CS321613-R68K</a> <a href="#">CS321613-1R0K</a> <a href="#">CS321613-1R5K</a> <a href="#">CS321613-2R2K</a> <a href="#">CS321613-3R3K</a> <a href="#">CS321613-4R7K</a> <a href="#">CS321613-6R8K</a> <a href="#">CS321613-100K</a> <a href="#">CS321613-150K</a> <a href="#">CS321613-220K</a> <a href="#">CS321613-330K</a> (30 of each in every labkit)	<a href="#">CW160808-4N7K</a> <a href="#">CW160808-6N8J</a> <a href="#">CW160808-8N2J</a> <a href="#">CW160808-10NJ</a> <a href="#">CW160808-12NJ</a> <a href="#">CW160808-15NJ</a> <a href="#">CW160808-18NJ</a> <a href="#">CW160808-22NJ</a> <a href="#">CW160808-27NJ</a> <a href="#">CW160808-33NJ</a> <a href="#">CW160808-39NJ</a> <a href="#">CW160808-47NJ</a> <a href="#">CW160808-56NJ</a> <a href="#">CW160808-68NJ</a> <a href="#">CW160808-82NJ</a> <a href="#">CW160808-R10J</a> <a href="#">CW160808-R15J</a> <a href="#">CW160808-R22J</a> (30 of each in every labkit)

<b>Kit Number</b>	<a href="#">CW201212-LAB1</a>	<a href="#">CW252016-LAB1</a>
<b>Kit Photo</b>		
<b>Part Numbers</b>	<a href="#">CW201212-2N2J</a> <a href="#">CW201212-3N3J</a> <a href="#">CW201212-4N7J</a> <a href="#">CW201212-6N8J</a> <a href="#">CW201212-8N2J</a> <a href="#">CW201212-10NJ</a> <a href="#">CW201212-15NJ</a> <a href="#">CW201212-22NJ</a> <a href="#">CW201212-33NJ</a> <a href="#">CW201212-47NJ</a> <a href="#">CW201212-68NJ</a> <a href="#">CW201212-R10J</a> <a href="#">CW201212-R15J</a> <a href="#">CW201212-R22J</a> <a href="#">CW201212-R33J</a> <a href="#">CW201212-R47J</a> <a href="#">CW201212-R68J</a> <a href="#">CW201212-R91J</a> (40 of each in every labkit)	<a href="#">CW252016-10NK</a> <a href="#">CW252016-12NK</a> <a href="#">CW252016-15NK</a> <a href="#">CW252016-22NK</a> <a href="#">CW252016-33NK</a> <a href="#">CW252016-47NK</a> <a href="#">CW252016-68NJ</a> <a href="#">CW252016-R10J</a> <a href="#">CW252016-R15J</a> <a href="#">CW252016-R22J</a> <a href="#">CW252016-R33J</a> <a href="#">CW252016-R47J</a> <a href="#">CW252016-R68J</a> <a href="#">CW252016-1R0J</a> <a href="#">CW252016-1R5J</a> <a href="#">CW252016-2R2J</a> <a href="#">CW252016-3R3J</a> <a href="#">CW252016-4R7J</a> (20 of each in every labkit)

<b>Kit Number</b>	<a href="#">SRP12-LAB1</a>	<a href="#">SRR12-LAB1</a>	<a href="#">SRU10-LAB1</a>	<a href="#">SRU20-LAB1</a>
<b>Kit Photo</b>				
<b>Part Numbers</b>	<a href="#">SRP1235- R10M</a> <a href="#">SRP1235-R22M</a> <a href="#">SRP1235-R47M</a> <a href="#">SRP1235-1R0M</a> <a href="#">SRP1235-2R2M</a> <a href="#">SRP1235-4R7M</a> <a href="#">SRP1250-R47M</a> <a href="#">SRP1250-1R0M</a> <a href="#">SRP1250-1R5M</a> <a href="#">SRP1250-2R2M</a> <a href="#">SRP1250-4R7M</a> <a href="#">SRP1250-100M</a> <a href="#">SRP1270-R47M</a> <a href="#">SRP1270-1R0M</a> <a href="#">SRP1270-2R2M</a> <a href="#">SRP1270-4R7M</a> <a href="#">SRP1270-6R8M</a>	<a href="#">SRR1240-4R7M</a> <a href="#">SRR1240-100M</a> <a href="#">SRR1240-470M</a> <a href="#">SRR1240-101M</a> <a href="#">SRR1240-471K</a> <a href="#">SRR1240-102K</a> <a href="#">SRR1260-1R0Y</a> <a href="#">SRR1260-4R7Y</a> <a href="#">SRR1260-100M</a> <a href="#">SRR1260-220M</a> <a href="#">SRR1260-470M</a> <a href="#">SRR1260-101M</a> <a href="#">SRR1280-3R3Y</a> <a href="#">SRR1280-100M</a> <a href="#">SRR1280-330M</a> <a href="#">SRR1280-680M</a> <a href="#">SRR1280-101M</a>	<a href="#">SRU1028-1R0Y</a> <a href="#">SRU1028-2R2Y</a> <a href="#">SRU1028-4R7Y</a> <a href="#">SRU1028-100Y</a> <a href="#">SRU1028-470Y</a> <a href="#">SRU1028-101Y</a> <a href="#">SRU1038-1R5Y</a> <a href="#">SRU1038-5R0Y</a> <a href="#">SRU1038-100Y</a> <a href="#">SRU1038-470Y</a> <a href="#">SRU1038-101Y</a> <a href="#">SRU1038-221Y</a> <a href="#">SRU1048-R80Y</a> <a href="#">SRU1048-3R0Y</a> <a href="#">SRU1048-100Y</a> <a href="#">SRU1048-330Y</a> <a href="#">SRU1048-680Y</a>	<a href="#">SRU2009-1R0Y</a> <a href="#">SRU2009-2R2Y</a> <a href="#">SRU2009-3R3Y</a> <a href="#">SRU2009-4R4Y</a> <a href="#">SRU2009-100Y</a> <a href="#">SRU2009-220Y</a> <a href="#">SRU2013-1R0Y</a> <a href="#">SRU2013-3R3Y</a> <a href="#">SRU2013-6R8Y</a> <a href="#">SRU2013-100Y</a> <a href="#">SRU2013-220Y</a> <a href="#">SRU2013-470Y</a> <a href="#">SRU2016-1R0Y</a> <a href="#">SRU2016-4R7Y</a> <a href="#">SRU2016-100Y</a> <a href="#">SRU2016-220Y</a> <a href="#">SRU2016-470Y</a>

<a href="#">SRP1270-100M</a> (2 of each in every labkit)	<a href="#">SRR1280-471K</a> (2 of each in every labkit)	<a href="#">SRU1048-151Y</a> (3 of each in every labkit)	<a href="#">SRU2016-101Y</a> (3 of each in every labkit)
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Kit Number	<a href="#">SRU30-LAB1</a>	<a href="#">SRU50-LAB1</a>	<a href="#">SRU60-LAB1</a>
Kit Photo			
Part Numbers	<a href="#">SRU3011-1R5Y</a> <a href="#">SRU3011-2R2Y</a> <a href="#">SRU3011-3R3Y</a> <a href="#">SRU3011-4R7Y</a> <a href="#">SRU3011-6R8Y</a> <a href="#">SRU3011-100Y</a> <a href="#">SRU3017-2R2Y</a> <a href="#">SRU3017-3R3Y</a> <a href="#">SRU3017-4R7Y</a> <a href="#">SRU3017-100Y</a> <a href="#">SRU3017-220Y</a> <a href="#">SRU3017-470Y</a> <a href="#">SRU3028-100Y</a> <a href="#">SRU3028-220Y</a> <a href="#">SRU3028-330Y</a> <a href="#">SRU3028-470Y</a> <a href="#">SRU3028-680Y</a> <a href="#">SRU3028-101Y</a> (3 of each in every labkit)	<a href="#">SRU5011-2R5Y</a> <a href="#">SRU5011-4R7Y</a> <a href="#">SRU5011-100Y</a> <a href="#">SRU5011-220Y</a> <a href="#">SRU5011-470Y</a> <a href="#">SRU5011-101Y</a> <a href="#">SRU5018-1R0Y</a> <a href="#">SRU5018-2R2Y</a> <a href="#">SRU5018-4R7Y</a> <a href="#">SRU5018-100Y</a> <a href="#">SRU5018-330Y</a> <a href="#">SRU5018-101Y</a> <a href="#">SRU5028-2R2Y</a> <a href="#">SRU5028-4R7Y</a> <a href="#">SRU5028-100Y</a> <a href="#">SRU5028-220Y</a> <a href="#">SRU5028-470Y</a> <a href="#">SRU5028-101Y</a> (3 of each in every labkit)	<a href="#">SRU6011-1R4Y</a> <a href="#">SRU6011-4R7Y</a> <a href="#">SRU6011-100Y</a> <a href="#">SRU6011-220Y</a> <a href="#">SRU6011-470Y</a> <a href="#">SRU6011-680Y</a> <a href="#">SRU6018-1R2Y</a> <a href="#">SRU6018-3R3Y</a> <a href="#">SRU6018-100Y</a> <a href="#">SRU6018-220Y</a> <a href="#">SRU6018-470Y</a> <a href="#">SRU6018-101Y</a> <a href="#">SRU6025-4R7Y</a> <a href="#">SRU6025-100Y</a> <a href="#">SRU6025-220Y</a> <a href="#">SRU6025-470Y</a> <a href="#">SRU6025-101Y</a> <a href="#">SRU6025-221Y</a> (3 of each in every labkit)

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