

## Product Obsolescence Memo

### CHIP RESISTORS



August, 2015

## Select Bourns® Model CRL Series Low Value Chip Resistors to be Discontinued

Bourns has decided to discontinue select Bourns® [Model CRL Series](#) Low Value Chip Resistors. This decision will reduce the overlap between the CRL Series and the CR Series Chip Resistors in the resistance value range of 1 ohm to 9.1 ohms for 5 % tolerance parts.

Suggested alternative part numbers are listed on the following pages.

#### Obsolete Part Numbers:

CRL0603	CRL0805	CRL1206	CRL2010	CRL2512
CRL0603-JW-1R00ELF	CRL0805-JW-1R00ELF	CRL1206-JW-1R00ELF	CRL2010-JW-1R00ELF	CRL2512-JW-1R00ELF
CRL0603-JW-1R10ELF	CRL0805-JW-1R10ELF	CRL1206-JW-1R10ELF	CRL2010-JW-1R10ELF	CRL2512-JW-2R40ELF
CRL0603-JW-1R20ELF	CRL0805-JW-1R20ELF	CRL1206-JW-1R30ELF	CRL2010-JW-1R20ELF	
CRL0603-JW-1R30ELF	CRL0805-JW-1R30ELF	CRL1206-JW-1R50ELF	CRL2010-JW-1R30ELF	
CRL0603-JW-1R50ELF	CRL0805-JW-1R50ELF	CRL1206-JW-1R60ELF	CRL2010-JW-1R50ELF	
CRL0603-JW-1R60ELF	CRL0805-JW-1R60ELF	CRL1206-JW-1R80ELF	CRL2010-JW-1R60ELF	
CRL0603-JW-1R80ELF	CRL0805-JW-1R80ELF	CRL1206-JW-2R00ELF	CRL2010-JW-1R80ELF	
CRL0603-JW-2R00ELF	CRL0805-JW-2R00ELF	CRL1206-JW-2R20ELF	CRL2010-JW-2R00ELF	
CRL0603-JW-2R20ELF	CRL0805-JW-2R20ELF	CRL1206-JW-2R40ELF	CRL2010-JW-2R20ELF	
CRL0603-JW-2R40ELF	CRL0805-JW-2R40ELF	CRL1206-JW-2R70ELF	CRL2010-JW-2R40ELF	
CRL0603-JW-2R70ELF	CRL0805-JW-2R70ELF	CRL1206-JW-3R00ELF	CRL2010-JW-2R70ELF	
CRL0603-JW-3R00ELF	CRL0805-JW-3R00ELF	CRL1206-JW-3R30ELF	CRL2010-JW-3R00ELF	
CRL0603-JW-3R30ELF	CRL0805-JW-3R30ELF	CRL1206-JW-3R60ELF	CRL2010-JW-3R30ELF	
CRL0603-JW-3R60ELF	CRL0805-JW-3R60ELF	CRL1206-JW-3R90ELF	CRL2010-JW-3R60ELF	
CRL0603-JW-3R90ELF	CRL0805-JW-3R90ELF	CRL1206-JW-4R30ELF	CRL2010-JW-3R90ELF	
CRL0603-JW-4R30ELF	CRL0805-JW-4R30ELF	CRL1206-JW-4R70ELF	CRL2010-JW-4R30ELF	
CRL0603-JW-4R70ELF	CRL0805-JW-4R70ELF	CRL1206-JW-5R10ELF	CRL2010-JW-4R70ELF	
CRL0603-JW-5R10ELF	CRL0805-JW-5R10ELF	CRL1206-JW-5R60ELF	CRL2010-JW-5R10ELF	
CRL0603-JW-5R60ELF	CRL0805-JW-5R60ELF	CRL1206-JW-6R20ELF	CRL2010-JW-5R60ELF	
CRL0603-JW-6R20ELF	CRL0805-JW-6R20ELF	CRL1206-JW-6R80ELF	CRL2010-JW-6R20ELF	
CRL0603-JW-6R80ELF	CRL0805-JW-6R80ELF	CRL1206-JW-7R50ELF	CRL2010-JW-6R80ELF	
CRL0603-JW-7R50ELF	CRL0805-JW-7R50ELF	CRL1206-JW-8R20ELF	CRL2010-JW-7R50ELF	
CRL0603-JW-8R20ELF	CRL0805-JW-8R20ELF	CRL1206-JW-9R10ELF	CRL2010-JW-8R20ELF	
CRL0603-JW-9R10ELF	CRL0805-JW-9R10ELF		CRL2010-JW-9R10ELF	

Please plan for the following deadlines:

*Last time buy date: March 1, 2016*

*Last time ship date: August 30, 2016*

Should you have any questions or need additional information, please feel free to contact [Customer Service/Inside Sales](#).

**Obsolete Part Numbers and Suggested Alternatives:**

Please contact the [Bourns team of Field Application Engineers](#) if you have any questions regarding the suggested replacement parts and your application requirements.

<b>Obsolete</b>	<b>Suggested Alternative</b>
<b>CRL0603</b>	<b>CR0603</b>
CRL0603-JW-1R00ELF	CR0603-J/-1R0ELF
CRL0603-JW-1R10ELF	CR0603-J/-1R1ELF
CRL0603-JW-1R20ELF	CR0603-J/-1R2ELF
CRL0603-JW-1R30ELF	CR0603-J/-1R3ELF
CRL0603-JW-1R50ELF	CR0603-J/-1R5ELF
CRL0603-JW-1R60ELF	CR0603-J/-1R6ELF
CRL0603-JW-1R80ELF	CR0603-J/-1R8ELF
CRL0603-JW-2R00ELF	CR0603-J/-2R0ELF
CRL0603-JW-2R20ELF	CR0603-J/-2R2ELF
CRL0603-JW-2R40ELF	CR0603-J/-2R4ELF
CRL0603-JW-2R70ELF	CR0603-J/-2R7ELF
CRL0603-JW-3R00ELF	CR0603-J/-3R0ELF
CRL0603-JW-3R30ELF	CR0603-J/-3R3ELF
CRL0603-JW-3R60ELF	CR0603-J/-3R6ELF
CRL0603-JW-3R90ELF	CR0603-J/-3R9ELF
CRL0603-JW-4R30ELF	CR0603-J/-4R3ELF
CRL0603-JW-4R70ELF	CR0603-J/-4R7ELF
CRL0603-JW-5R10ELF	CR0603-J/-5R1ELF
CRL0603-JW-5R60ELF	CR0603-J/-5R6ELF
CRL0603-JW-6R20ELF	CR0603-J/-6R2ELF
CRL0603-JW-6R80ELF	CR0603-J/-6R8ELF
CRL0603-JW-7R50ELF	CR0603-J/-7R5ELF
CRL0603-JW-8R20ELF	CR0603-J/-8R2ELF
CRL0603-JW-9R10ELF	CR0603-J/-9R1ELF

<b>Obsolete</b>	<b>Suggested Alternative</b>
<b>CRL0805</b>	<b>CR0805</b>
CRL0805-JW-1R00ELF	CR0805-J/-1R0ELF
CRL0805-JW-1R10ELF	CR0805-J/-1R1ELF
CRL0805-JW-1R20ELF	CR0805-J/-1R2ELF
CRL0805-JW-1R30ELF	CR0805-J/-1R3ELF
CRL0805-JW-1R50ELF	CR0805-J/-1R5ELF
CRL0805-JW-1R60ELF	CR0805-J/-1R6ELF
CRL0805-JW-1R80ELF	CR0805-J/-1R8ELF
CRL0805-JW-2R00ELF	CR0805-J/-2R0ELF
CRL0805-JW-2R20ELF	CR0805-J/-2R2ELF
CRL0805-JW-2R40ELF	CR0805-J/-2R4ELF
CRL0805-JW-2R70ELF	CR0805-J/-2R7ELF
CRL0805-JW-3R00ELF	CR0805-J/-3R0ELF
CRL0805-JW-3R30ELF	CR0805-J/-3R3ELF
CRL0805-JW-3R60ELF	CR0805-J/-3R6ELF
CRL0805-JW-3R90ELF	CR0805-J/-3R9ELF
CRL0805-JW-4R30ELF	CR0805-J/-4R3ELF
CRL0805-JW-4R70ELF	CR0805-J/-4R7ELF
CRL0805-JW-5R10ELF	CR0805-J/-5R1ELF
CRL0805-JW-5R60ELF	CR0805-J/-5R6ELF
CRL0805-JW-6R20ELF	CR0805-J/-6R2ELF
CRL0805-JW-6R80ELF	CR0805-J/-6R8ELF
CRL0805-JW-7R50ELF	CR0805-J/-7R5ELF
CRL0805-JW-8R20ELF	CR0805-J/-8R2ELF
CRL0805-JW-9R10ELF	CR0805-J/-9R1ELF

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**Obsolete Part Numbers and Suggested Alternatives (Continued):**

<b>Obsolete</b>	<b>Suggested Alternative</b>
<b>CRL1206</b>	<b>CR1206</b>
CRL1206-JW-1R00ELF	CR1206-J/-1R0ELF
CRL1206-JW-1R10ELF	CR1206-J/-1R1ELF
CRL1206-JW-1R30ELF	CR1206-J/-1R3ELF
CRL1206-JW-1R50ELF	CR1206-J/-1R5ELF
CRL1206-JW-1R60ELF	CR1206-J/-1R6ELF
CRL1206-JW-1R80ELF	CR1206-J/-1R8ELF
CRL1206-JW-2R00ELF	CR1206-J/-2R0ELF
CRL1206-JW-2R20ELF	CR1206-J/-2R2ELF
CRL1206-JW-2R40ELF	CR1206-J/-2R4ELF
CRL1206-JW-2R70ELF	CR1206-J/-2R7ELF
CRL1206-JW-3R00ELF	CR1206-J/-3R0ELF
CRL1206-JW-3R30ELF	CR1206-J/-3R3ELF
CRL1206-JW-3R60ELF	CR1206-J/-3R6ELF
CRL1206-JW-3R90ELF	CR1206-J/-3R9ELF
CRL1206-JW-4R30ELF	CR1206-J/-4R3ELF
CRL1206-JW-4R70ELF	CR1206-J/-4R7ELF
CRL1206-JW-5R10ELF	CR1206-J/-5R1ELF
CRL1206-JW-5R60ELF	CR1206-J/-5R6ELF
CRL1206-JW-6R20ELF	CR1206-J/-6R2ELF
CRL1206-JW-6R80ELF	CR1206-J/-6R8ELF
CRL1206-JW-7R50ELF	CR1206-J/-7R5ELF
CRL1206-JW-8R20ELF	CR1206-J/-8R2ELF
CRL1206-JW-9R10ELF	CR1206-J/-9R1ELF

<b>Obsolete</b>	<b>Suggested Alternative</b>
<b>CRL2010</b>	<b>CR2010</b>
CRL2010-JW-1R00ELF	CR2010-J/-1R0ELF
CRL2010-JW-1R10ELF	CR2010-J/-1R1ELF
CRL2010-JW-1R20ELF	CR2010-J/-1R2ELF
CRL2010-JW-1R30ELF	CR2010-J/-1R3ELF
CRL2010-JW-1R50ELF	CR2010-J/-1R5ELF
CRL2010-JW-1R60ELF	CR2010-J/-1R6ELF
CRL2010-JW-1R80ELF	CR2010-J/-1R8ELF
CRL2010-JW-2R00ELF	CR2010-J/-2R0ELF
CRL2010-JW-2R20ELF	CR2010-J/-2R2ELF
CRL2010-JW-2R40ELF	CR2010-J/-2R4ELF
CRL2010-JW-2R70ELF	CR2010-J/-2R7ELF
CRL2010-JW-3R00ELF	CR2010-J/-3R0ELF
CRL2010-JW-3R30ELF	CR2010-J/-3R3ELF
CRL2010-JW-3R60ELF	CR2010-J/-3R6ELF
CRL2010-JW-3R90ELF	CR2010-J/-3R9ELF
CRL2010-JW-4R30ELF	CR2010-J/-4R3ELF
CRL2010-JW-4R70ELF	CR2010-J/-4R7ELF
CRL2010-JW-5R10ELF	CR2010-J/-5R1ELF
CRL2010-JW-5R60ELF	CR2010-J/-5R6ELF
CRL2010-JW-6R20ELF	CR2010-J/-6R2ELF
CRL2010-JW-6R80ELF	CR2010-J/-6R8ELF
CRL2010-JW-7R50ELF	CR2010-J/-7R5ELF
CRL2010-JW-8R20ELF	CR2010-J/-8R2ELF
CRL2010-JW-9R10ELF	CR2010-J/-9R1ELF

<b>Obsolete</b>	<b>Suggested Alternative</b>
<b>CRL2512</b>	<b>CR2512</b>
CRL2512-JW-1R00ELF	CR2512-J/-1R0ELF
CRL2512-JW-2R40ELF	CR2512-J/-2R4ELF