

# Resistors Product Change Notification

<b>PCN Number</b>	PCN-2023-RBU01
<b>PCN Title</b>	EOL Announcement – CCW, CF, MO & WCC Series
<b>PCN Date</b>	12 <sup>th</sup> January 2023
<b>Type of Change</b>	<input checked="" type="checkbox"/> End of Life Notification <input type="checkbox"/> Material Change <input type="checkbox"/> Manufacturing Facility Change or Addition <input type="checkbox"/> Process Change <input type="checkbox"/> Datasheet Specification Change <input type="checkbox"/> Design Change <input type="checkbox"/> Other:
<b>Manufacturing Location(s) Affected</b>	TT Electronics Bedlington
<b>Date of Change Implementation</b>	30 <sup>th</sup> June 2023

Products Affected	
TT Series	Datasheet Link
CCW Series	<a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Datasheets/CCW.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Datasheets/CCW.pdf</a>
CF Series	<a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Datasheets/CF.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Datasheets/CF.pdf</a>
MO Series	<a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Datasheets/MO.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Datasheets/MO.pdf</a>
WCC Series	<a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Datasheets/WCC.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Datasheets/WCC.pdf</a>

Change Detail	
<b>Description of Change</b>	TT Electronics is announcing that the CCW, CF, MO and WCC Series are being taken End of Life, (EOL). This applies to all variants of each series. An example of a generic part number can be found in Appendix 1.
<b>Reason for Change</b>	Declining sales of this product means it is no longer economically viable to manufacture.
<b>Implementation Plan</b>	A Last Time Buy will be available until 30th June 2023 with a final shipping date of 31 <sup>st</sup> December 2023. Due to material availability quantities may be limited for Last Time Buy. Orders will be NCNR.
<b>Customer Impact</b>	Parts will be EOL and unavailable to order after 30 <sup>th</sup> June 2023.
<b>Recommendations</b>	Please refer to Appendix 2 for possible alternatives. Please contact your local Sales / FAE team for assistance in selecting the best alternative product.
<b>Availability of Previously Manufactured Product</b>	N/A
<b>Availability of Approval Samples</b>	N/A

<b>Sales Contacts</b>	<p>Americas: Kevin Marzano <a href="mailto:kevin.marzano@ttelelectronics.com">kevin.marzano@ttelelectronics.com</a>          Europe: Claudia Patzak-Kruger <a href="mailto:Claudia.patzak@ttelelectronics.com">Claudia.patzak@ttelelectronics.com</a>          Asia: Janson Chuen <a href="mailto:janson.chuen@ttelelectronics.com">janson.chuen@ttelelectronics.com</a></p>
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Approvals			
	Name	Title	Date
<b>Issued by</b>	Mark Beeston	Product Line Manager	12 <sup>th</sup> January 2023
<b>Approved by</b>	Heather Baird	VP Product Management	12 <sup>th</sup> January 2023
<b>Approved by</b>	Klaus Zwerschina	VP Sales	12 <sup>th</sup> January 2023

## Appendix 1

### Example of a Generic Part number

Applies to all part numbers with generic form: CCW x – x x x x x

Applies to all part numbers with generic form: CF- x – x x x

Applies to all part numbers with generic form: MO- x – x x x

Applies to all part numbers with generic form: WCC- x – x x x x

Appendix 2

Series	Description	Product Type	Alternative Product
CCW	Commercial grade power axial wirewound resistor	CCW1/2	WP1S
		CCW1	WP1S
		CCW2	WP2S
		CCW3	WP3S
		CCW5	NAS5, WP5S
		CCW7	NAS7, WHS7
		CCW8	NAS10
		CCW9	NAS10
CF	General purpose carbon film resistor	CF1/2	No alternative
		CF1/4	No alternative
		CF1/8	No alternative
MO	Metal oxide resistor	MO1/2	WMO1/2S
		MO1	WMO1S
		MO2	WMO2S
		MO3	WMO3S
		MO5	WMO5S
WCC	Thick film chip resistor array, 4 element 1206 concave	WCC-08	No alternative