Resistors Product Change Notification

PCN Number	PCN-2021-RBU19
PCN Title	**Datasheet Update – OAR-3 (TP)**
PCN Date	14th October 2021
Type of Change	☐ End of Life Notification ☐ Material Change ☐ Manufacturing Facility Change or Addition ☐ Process Change ☐ Datasheet Specification Change ☐ Design Change ☒ Other: Datasheet change to OAR-3(TP) resistance value.
Manufacturing Location(s) Affected	TT Electronics Mexicali
Date of Change Implementation	**14th October 2021**

Products Affected	
TT Series	**Datasheet Link**
OAR-3(TP)	https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Datasheets/OAR.pdf

Change Detail	
Description of Change	Update to OAR Datasheet to reflect resistance value change to OAR-3 (TP) range. There will be no change to the product form, fit or function and this PCN is for notification only. See Appendix 1.
Reason for Change	To ensure datasheet is in line with current standard product resistance values available.
Implementation Plan	Immediate implementation – October 2021
Customer Impact	Product form, fit or function is unchanged, however 2mΩ, OAR-3(TP) no longer available as a standard product.
Recommendations	Please contact factory for resistance values not listed.
Availability of Previously Manufactured Product	N/A
Availability of Approval Samples	N/A
Sales Contacts	Americas: Kevin Marzano kevin.marzano@ttelectronics.com Europe: Claudia Patzak-Kruger Claudia.patzak@ttelectronics.com Asia: Janson Chuen janson.chuen@ttelectronics.com

Approvals			
	Name	**Title**	**Date**
Issued by	Mark Beeston	Product Line Manager	14th October 2021
Approved by	Barry Peters	VP Product Management & Engineering	14th October 2021
Approved by	Klaus Zwerschina	Global Sales Director	14th October 2021

Appendix 1

Electrical Data

Part Number	Power Rating @ 85°C (watts)	Resistance Range (mΩ)	Tolerance (±%)	Wire TCR (±ppm/°C)	Inductance (nH)
OAR-1 (TP)	1.0	3, 5, 6, 8, 10, 12, 15, 20, 25, 30, 35, 40, 50, 60, 70, 80, 100	1, 2[1], 5	<R005: 180, ≥R005 & <R025: 20, ≥R025: 30	<10
OAR-3 (TP)	3.0	2.5, 3, 4, 5, 6, 7, 10, 15, 20, 25, 30, 40, 45, 50, 60, 70, 100		<R004: 180, ≥R004 & <R040: 20, ≥R040: 30	
OAR-5 (TP)	5.0	3, 4, 5, 6, 6.2, 10, 12, 15, 20, 25, 30, 40, 50		<R005: 180, ≥R005 & <R025: 20, ≥R025: 30	

Notes:
[1] ±2% tolerance may be available on request, but ±1% and ±5% are preferred.
Please contact factory for resistance values not listed