Resistors Product Change Notification

PCN Number and Title	**2013-RBU04:** Notice of Additional Ceramic Source Qualification for Commercial PFC Resistors		
Notification Launch Date	November 7, 2013		
Type of Change	☐ End of Life Notification ☐ Manufacturing Facility Change or Addition ☐ Datasheet Specification Change ☒ Other: *Qualification of Additional Ceramic Source*	☐ Material Change ☐ Process Change ☐ Design Change	
Manufacturing Location(s) Affected	Corpus Christi, TX USA	**Date of Change Implementation**	January 2, 2014

Products Affected		
Product Family	**Datasheet Link(s)**	**Comment**
1206 Case Size Commercial PFC	http://www.irctt.com/file.aspx?product_id=161&file_type=datasheet http://www.welwyn-tt.com/pdf/datasheet/PFC.pdf	**ONLY 1206 Case Size Commercial Grade**

Description of Change	TT electronics has qualified an additional ceramic source for high-volume manufacturing of commercial-grade 1206 case size PFC precision resistors. This notice affects all tolerances and TCR values of commercial-grade 1206 case size PFC resistors. Commercial-grade PFC resistors are identified by the TCR code in the part number as listed on the datasheet. TCR codes 01, 02, 03, 11, and 12 designate a commercial-grade PFC resistor. Any PFC manufactured with a TT electronics internal part number with a commercial PFC tolerance code is affected by this change. ***There is no change to form, fit, or function of the finished product as described in the datasheet. This notice is for informational purposes only.***
Reason for Change	In order to support long-term continuity to our valued customers in the unlikely event of a sudden ceramic raw material shortage from existing sources, TT electronics has qualified an additional source of ceramic for commercial PFC product in the popular 1206 case size.
Implementation Plan	Effective January 2, 2014 customers may receive product manufactured with ceramic from all qualified sources.

	MIL-Screened resistors (ordered by 04, 05, 06, 07, 14, 15, and 16 TCR codes) and resistors ordered by MIL-PRF-55342 part number are **NOT** impacted by this change.
Customer Impact	Customers will experience no impact from the qualification of the additional ceramic source.
Recommendations	As this notice is provided for information purposes only, no recommendations are required.
Availability of Previously Manufactured Product	N/A
Sales Contacts	EMEA: Armando Marnati Armando.Marnati@ttelectronics.com Americas: Mike Graham Mike.Graham@ttelectronics.com Asia/Pacific: Janson Chuen Janson.Chuen@ttelectronics.com

Title	Name	Signature / Date
Director of Product Management	Philip Fulmer	*Philip Fulmer* October 10, 2013
Operations Director	Chuck Stout	*Chuck Stout* October 10, 2013
Global Sales Director	Klaus Zwerschina	*Klaus Zwerschina* October 10, 2013
SVP/ General Manager	Gareth Mycock	*Gareth Mycock* October 11, 2013

Additional Information:

Please see the following page of this change notice for a reference table providing further information on part numbers impacted by this change.

PFC Type	IRC PFC Part Number	Welwyn PFC Part Number	Is this part number impacted by PCN?
Commercial	PFC-W0402R-XX-YYYY-Z PFC-W0402LF-XX-YYYY-Z PFC-W0603R-XX-YYYY-Z PFC-W0603LF-XX-YYYY-Z PFC-W0805R-XX-YYYY-Z PFC-W0805LF-XX-YYYY-Z Where XX = All Commercial TCR Codes: 01 = ± 100ppm/°C 02 = ± 50ppm/°C 03 = ± 25ppm/°C 11 = ± 15ppm/°C 12 = ± 10ppm/°C Where YYY = Resistance Value Where Z = Tolerance Code	W0402XXX-YYYYZI W0603XXX-YYYYZI W0805XXX-YYYYZI Where XXX = TCR Code Where YYYY = Resistance Value Where Z = Tolerance Code	Not Impacted
Commercial	PFC-W1206R-XX-YYYY-Z PFC-W1206LF-XX-YYYY-Z Where XX = All Commercial TCR Codes: 01 = ± 100ppm/°C 02 = ± 50ppm/°C 03 = ± 25ppm/°C 11 = ± 15ppm/°C 12 = ± 10ppm/°C Where YYY = Resistance Value Where Z = Tolerance Code	W1206XXX-YYYYZI	Additional ceramic source used for volume production per this PCN notice
MIL-Screened	PFC-W0402R-XX-YYYY-Z PFC-W0603R-XX-YYYY-Z PFC-W0805R-XX-YYYY-Z PFC-W1206R-XX-YYY-Z Where XX = All MIL-Screened TCR Codes: 04 = ± 300ppm/°C 05 = ± 100ppm/°C 06 = ± 50ppm/°C 07 = ± 25ppm/°C 14 = ± 20ppm/°C 15 = ± 15ppm/°C 16 = ± 10ppm/°C	N/A	Not Impacted
MIL-PRF-55342	D55342XXXXXXXXX	N/A	Not Impacted
MIL-PRF-55342	M55342XXXXXXXXX	N/A	Not Impacted