

### Resistors

### **Listing of PCNs**

#### Introduction

This file contains PCN information for the product(s) referenced by the file name.

Note that the file may contain multiple PCNs. If this is the case, they are arranged in chronological order, so to see the most recent PCN scroll to the end.



## **Resistors Product Change Notification**

PCN Number	PCN-2016-RBU04	
PCN Title	Thickfilm Front End Product Line Re-location from Corpus Christi (USA) to Mexicali (Mexico)	
PCN Date		
Type of Change	<ul> <li>□ End of Life Notification</li> <li>☑ Manufacturing Facility Change or Addition</li> <li>□ Datasheet Specification Change</li> <li>□ Other:</li> </ul>	<ul><li>☐ Material Change</li><li>☐ Process Change</li><li>☐ Design Change</li></ul>
Manufacturing Location(s) Affected	TT electronics Corpus Christi, TT electronics Mexicali	
Date of Change Implementation	January 2017	

Products Affected			
Product Series	Р	roduct Type(s)	Datasheet Link
LR (F) Series – Low Value Flat Chip Resistor	All commercial LR(F) product		http://www.ttelectronicsresistors.com/datasheets/lr.pdf
LRF3W Series – Low Range 3 Watt SMT Chip Resistor	All commercial LRF3W product		http://www.ttelectronicsresistors.com/datasheets/lrf3w.pdf
HVC Series – High Voltage Chip Resistors	All commercial HVC product		http://www.ttelectronicsresistors.com/datasheets/hvc.pdf
PWC Series – Pulse Withstanding Chip Resistors	All commercial PWC product		http://www.ttelectronicsresistors.com/datasheets/pwc.pdf
LRZ Series – High Current Jumper	All commercial LRZ product		http://www.ttelectronicsresistors.com/datasheets/lrz.pdf
SCR Series – High Power Chip Resistor	All commercial SCR product		http://www.ttelectronicsresistors.com/datasheets/sc3.pdf
Change Detail			
<b>Description of Change</b> USA to our facility in N		USA to our facility in I	rating the front end processes from our facility in Corpus Christi, Mexicali, MX. This relocation is a continuation of the back end TT electronics, Mexicali in 2015.



Reason for Change	The relocation helps mitigate rising production costs for the Thickfilm Product Line Series.	
Implementation Plan	TT electronics will build approximately 7 months of safety stock through December 31, 2016. On January 4, 2017, equipment will be disconnected and relocated to Mexicali. TT electronics will conduct product validation in Mexicali as per AEC - Q200 REV D specifications and requirements.	
Customer Impact	TT electronics will notify customers via PCN-2016-RBU04. The 7 month safety stock, standardized training and integrated Program Management teams will prevent any supply chain disruptions to the customer.	
Recommendations	NA	
Availability of Previously Manufactured Product	NA	
Availability of Approval Samples	I linon formal request via normal ordering process	
Sales Contacts	Americas: Mike Graham mike.graham@ttelectronics.com Asia: Janson Chuen janson.chuen@ttelectronics.com Europe (EMEA): Klaus Zwerschina klaus.zwerschina@ttelectronics.com http://www.ttelectronicsresistors.com/sales.php	

Approval			
	Name	Title	Date
Issued by	David Peters	Product Line Manager	
Approved by	Barry Peters	VP R&D	
Approved by	Klaus Zwerschina	Global Sales Director	

#### **Additional Information**

TT electronics – Welwyn, UK Commercial Thickfilm product is not affected by this relocation. All validation will be done as per AEC-Q200 REV D specifications and requirements.



# **Resistors Product Change Notification**

PCN Number	PCN-2017-RBU11	
PCN Title	Intracompany transfer of HVC Series	
PCN Date	12 <sup>th</sup> October 2017	
Type of Change	<ul> <li>□ End of Life Notification</li> <li>⋈ Manufacturing Facility Change or Addition</li> <li>□ Datasheet Specification Change</li> <li>□ Other:</li> </ul>	<ul><li>☐ Material Change</li><li>☐ Process Change</li><li>☐ Design Change</li></ul>
Manufacturing Location(s) Affected	TT Electronics Mexicali & TT Electronics Bedlington	
Date of Change Implementation	16 <sup>th</sup> October 2017	

Products Affected				
Product Series	Product Type(s)		Datasheet Link	
HVC Series – High Voltage Chip Resistors	All commercial HVC product currently manufactured in Mexicali		http://www.ttelectronicsresistors.com/datasheets/hvc.pdf	
		Ch	ange Detail	
Description of	Change	TT Electronics currently manufacture the HVC Chip Resistor in both Bedlington and Mexicali. Manufacture of this part is being consolidated into only the Bedlington plant		
Reason for	Change	Critical component test equipment in Mexicali has become unserviceable and is beyond repair. TT Electronics Bedlington already manufacture 90% of the HVC product line and have sufficient capacity to handle the additional requirement		
Implementati	Implementation Plan  TT electronics Mexicali will transfer all 2017, through December 31, 2017, Order Backlog of the HVC series to TT electronics Bedlington (Welwyn). New orders a placed using the European part number as outlined in the additional information section of this PCN.		ries to TT electronics Bedlington (Welwyn). New orders should be	



Customer Impact	TT electronics will notify customers via PCN-2017-RBU11. All open customer orders will be manufactured and supplied by TT Electronics Bedlington. All future orders are to be placed using the European part number as shown on the product datasheet and in the additional information section below
Recommendations	All future orders are to be placed using the European part number as shown on the product datasheet and in the additional information section below
Availability of Previously Manufactured Product	NA
Availability of Approval Samples	NA
Sales Contacts	Americas: Kevin Marzano: Kevin.marzano@ttelectronics.com Asia: Janson Chuen: janson.chuen@ttelectronics.com Europe (EMEA): Simon Webb: Simon.webb@ttelectronics.com  http://www.ttelectronicsresistors.com/sales.php

Approval			
	Name	Title	Date
Issued by	David Peters	Product Line Manager	11/10/2017
Approved by	Barry Peters	VP Product Management & Engineering	11/10/2017
Approved by	David Kertes	VP Sales & Marketing	11/10/2017

### **Additional Information:**

TT Electronics Corpus/Mexicali Part Number	TT Electronics Bedlington Part Number
TKC-HVC2512-10M0-F	HVC2010-10MFT18
TKC-HVC2010LF-5M60-G	HVC2010-5M6GT3
TKC-HVC2512LF-22M0-J	HVC2512-22MJT18
TKC-HVC2512LF-4M00-F	HVC2512-4M0FT18