



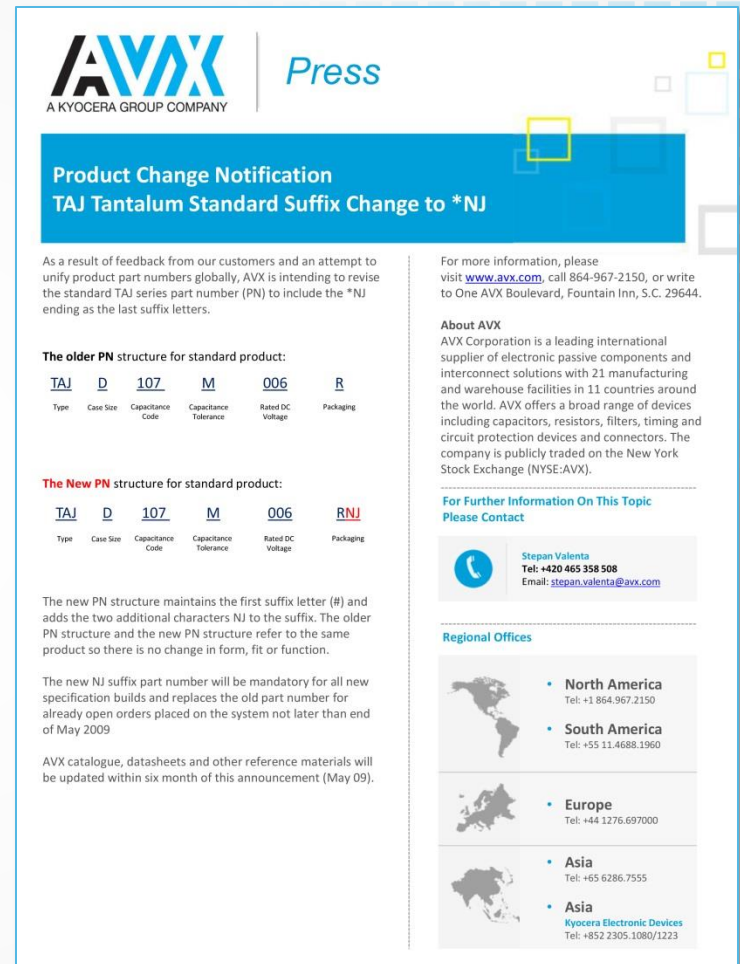
# AVX TANTALUM DIVISION

Consolidation of Suffix



# TANTALUM DIVISION

- PCN Issued 12/2008
- Updated on Website 12/2008
- PCN link sent to distribution & key customer contacts in “Tant Monthly Update” 12/2008
- NJ is a live suffix for over 10 years, used by many key customers & is the dominant code for TAJ
- Going forward it will be the preferred suffix code for standard components



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## Product Change Notification TAJ Tantalum Standard Suffix Change to \*NJ

As a result of feedback from our customers and an attempt to unify product part numbers globally, AVX is intending to revise the standard TAJ series part number (PN) to include the \*NJ ending as the last suffix letters.

**The older PN structure for standard product:**

<u>TAJ</u>	<u>D</u>	<u>107</u>	<u>M</u>	<u>006</u>	<u>R</u>
Type	Case Size	Capacitance Code	Capacitance Tolerance	Rated DC Voltage	Packaging

**The New PN structure for standard product:**

<u>TAJ</u>	<u>D</u>	<u>107</u>	<u>M</u>	<u>006</u>	<u>RNJ</u>
Type	Case Size	Capacitance Code	Capacitance Tolerance	Rated DC Voltage	Packaging

The new PN structure maintains the first suffix letter (#) and adds the two additional characters NJ to the suffix. The older PN structure and the new PN structure refer to the same product so there is no change in form, fit or function.


The new NJ suffix part number will be mandatory for all new specification builds and replaces the old part number for already open orders placed on the system not later than end of May 2009.

AVX catalogue, datasheets and other reference materials will be updated within six month of this announcement (May 09).

For more information, please visit [www.avx.com](http://www.avx.com), call 864-967-2150, or write to One AVX Boulevard, Fountain Inn, S.C. 29644.

**About AVX**  
AVX Corporation is a leading international supplier of electronic passive components and interconnect solutions with 21 manufacturing and warehouse facilities in 11 countries around the world. AVX offers a broad range of devices including capacitors, resistors, filters, timing and circuit protection devices and connectors. The company is publicly traded on the New York Stock Exchange (NYSE:AVX).

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# SUFFIX AFFECTED

- For historical reasons AVX Tantalum Division has multiple suffix codes for what is now the same standard component
  - Where a specific test or improved test limits on a specification parameter were required. A Special suffix was created. As the process improves we adopt the tighter test as standard & we end up with two suffix for the same part.
  - When we adopted 100% surge test for all TAJ there were many suffix which became the same specification.
  - 2001 we created SnPb & SnPb free suffix. By 2004 all standard components were SnPb free. Again we have multiple suffix for the same component.
  - Some low ESR parts will also be affected; TPSD107M010Y0100 will become TPSD107M010R0100 - both are the same part.

# ADVANTAGES

- There are many advantages to cleaning up the part numbering system - but one of the main drivers is the development of GSOP (Global Sales Order Processing) which brings the three AVX regional order processing programmes into a single system.
- With suffix reduction, identification of standard and non standard components becomes easier (for AVX and distribution personnel)
- The division can consolidate component inventory and reduce the need for substitution (Spec engineering checks will also reduce).

## ADVANTAGES (Con't)

- The eventual reduction of live parts on the database will make it easier to maintain and reduce potential for errors.
- From a sales and marketing perspective we are increasingly addressing globalisation. With all regions using the same part numbers contractual and pricing crosschecks become quicker easier and more accurate. There is less chance of getting multiple prices on and RFQ for what is effectively the same part.
- EDI management over time will become easier with less part number variations

# WHY CONSOLIDATE NJ SUFFIX?

- Globally the NJ suffix is used more extensively than any other.
- 69% of WW TAJ billed in FY09 were RNJ/SNJ.
- 25% are R,S,P,Y and others. Of this group where we want to change the suffix 70% is in European and US distribution.
- 6% Are genuine spec parts and will not change.

# WHY CONSOLIDATE NJ SUFFIX? (Con't)

- Data base management and analysis is easier if part numbers are the same length. i.e. NOJ, THJ, TRJ, and most of the TAJ,s are already 14 digit codes – it makes sense to consolidate TAJ into a 14 digit code

<u>TAJ</u>	<u>D</u>	<u>107</u>	<u>M</u>	<u>006</u>	<u>R</u>
Type	Case Size	Capacitance Code	Capacitance Tolerance	Rated DC Voltage	Packaging

<u>TAJ</u>	<u>D</u>	<u>107</u>	<u>M</u>	<u>006</u>	<u>RNJ</u>
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# IMPLEMENTATION

- We will highlight the preferred part numbers, gain distributor and customer acceptance and manage the move to preferred codes
- We are not imposing obsolescence or a cut off on the non preferred suffix or at this stage.
- TIMELINE
- Notify our intention - Done Dec 08



# IMPLEMENTATION (Con't)

- Change literature to clarify the standard - Done May09
- Change distribution data base FY10 Q1/Q2
- Change OEM and CEM data base by End FY10
- At some point we will be make the non preferred parts obsolete but this will be addressed when the proportion of non preferred suffix becomes insignificant

# TAJ SUFFIX TO LOOK FOR

## TAJ

Suffix	Comment
P	Non Preferred use SNJ
PNJ	Non Preferred use SNJ
R	Non Preferred use RNJ
RBL	Non Preferred use RNJ
RGA	Non Preferred use RNJ
S	Non Preferred use SNJ
Y	Non Preferred use RNJ
YNJ	Non Preferred use RNJ

In most cases we are focusing on R and S. This is by far the biggest volume. But look out for other codes which can be consolidated

TAJ    D    107    M    006    R  
 Type    Case Size    Capacitance Code    Capacitance Tolerance    Rated DC Voltage    Packaging

TAJ    D    107    M    006    RNJ  
 Type    Case Size    Capacitance Code    Capacitance Tolerance    Rated DC Voltage    Packaging



# TPS SUFFIX TO LOOK FOR

## TPS

Suffix	Comment
P	Non Preferred use S
Y	Non Preferred use R

In TPS there are still some of the old SnPb free codes where the R and S are the same component

TPS    D    107    M    006    Y    0100  
 Type    Case Size    Capacitance Code    Capacitance Tolerance    Rated DC Voltage    Packaging

TPS    D    107    M    006    R    0100  
 Type    Case Size    Capacitance Code    Capacitance Tolerance    Rated DC Voltage    Packaging