DOCUMENT CHANGE REQUEST

DCR number 840	Changes required for: General	Originator: Petra Pribanova	
Date: 2014/04/30	Date sent: 2014/02/21	Organisation: AVX Czech republic s.r.o.	
Status: IMPLEMENTED			

Title:	Capacitors Leadless Surface Mounted Tantalum Solid Electrolyte Enclosed Anode Connection,		
Number:	3012/001	Issue:	3

Other documents affected:

Page:

ad1)3,
ad2) 10,
ad3) 12,
ad4) 21

Paragraph:

ad1) Table 1A – Range of components
ad2) dimensions
ad3) para 4.4.1
ad4) appendix

Original wording:

ad1- 2)R,S,T,M,N
ad3) variants 01-02, variants 13, 14, 17
ad4) deviations para 4.2.2

Proposed wording:

ad1-2) R,S,T,M,N removed from the product range
ad3) Variants 01 to 02 - The termination shall be Type G with Type 16 finish
Variants 13, 14, 17 - The termination shall be Type P with Type 17 finish
ad4) - Deviations from Final Production Tests (Chart II), Deviations from Burn-in and Electrical Measurements (Chart III), Deviations from Qualification Tests (Chart IV), Deviations from Lot Acceptance Tests (Chart V)

Justification:

ad1-2) M,N – obsolete product, we are not able to produce them
R, S, T – limited interest form space industry, such small case sizes are available as TAC microchips CRW15 standard for aerospace level
ad3) modification - to be in compliance with ESCC Basic specification 23500
ad4) the deviations are mentioned in approved relevant PID 100/001.

Attachments:

3012_001_drav_iss4(2).doc

Modifications:

The contents of this DCR are clarified as follows based on the original DCR attachment details:

a) Page 7 Table 1(a)
Delete case sizes: M N R S T from all positions in table
Delete 2V Rated Voltage column
Add case size C to: 47uF / 10V position (i.e. becomes: C & D)
Add case size D to: 6.8uF / 50V position
Add case size E to: 10uF / 50V position

b) Page 9 Figure 2
Delete variants 03 to 12, 15, 16, 18 to 20 from 1st column (i.e. only 01, 02, 13, 14, 17 remain)
Delete case sizes: M N R S T from 2nd column and the 5 associated rows in the table
Amend note 1 to read as follows:
“1. Variants 01 & 02 differ from Variants 13, 14 & 17 by their terminations (see Para. 4.4.1).

c) Page 11, Para 4.3.2
Delete case sizes: M N R S T and the 5 associated weights

d) Page 11, Para 4.4.1
Amend variants and termination finishes in the 2 bullets to be as follows:

"4.4.1 Terminations
- Variants 01 & 02
The termination shall be Type 'G' with Type '16' finish in accordance with the requirements of ESCC Basic Specification No. 23500.
- Variants 13, 14, & 17
The termination shall be Type 'P' with Type '17' finish in accordance with the requirements of ESCC Basic Specification No. 23500."

e) Page 14, Table 4
Amend symbol for item 2 to be Delta IL (was: Delta IL/IL)
Add note 1 reference to the 1st phrase in the limit box for item 2.
i.e.
"2 x initial value measured (1)"

f) Page 21, Appendix 'A'
Delete the appendix A for AVX UK and replace with new appendix A for AVX CZ as follows:

Appendix 'A'

AGREED DEVIATIONS FOR AVX CZECH REPUBLIC S.R.O. (CZ)

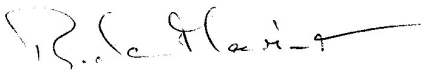
Items Affected: Deviations from Final Production Tests (Chart II)
Description of Deviations:
Para 9.1, Internal Visual Inspection: Shall not be performed
Para 9.5, External Visual Inspection: Visible base material is permitted on the edges of terminations (there is no plating on edges).

Items Affected: Deviations from Burn-in and Electrical Measurements (Chart III)
Description of Deviations: Para 9.5, External Visual Inspection: Visible base material is permitted on the edges of terminations (there is no plating on edges).

Items Affected: Deviations from Qualification Tests (Chart IV)
Description of Deviations: Para 9.5, External Visual Inspection: Visible base material is permitted on the edges of terminations (there is no plating on edges).

Items Affected: Deviations from Lot Acceptance Tests (Chart V)
Description of Deviations: Para 9.5, External Visual Inspection: Visible base material is permitted on the edges of terminations (there is no plating on edges).

Approval signature:



Date signed:

2014-04-30