



DOCUMENT CHANGE REQUEST

DCR number 167

Changes required for: N/A

Originator: S Thacker

Date: 2005/04/07

Date sent: 2005/04/07

Organisation: ESA/ESTEC

Status: IMPLEMENTED

Title: Capacitors, Fixed, Surface Mount, D.C. Self Healing, Non Inductive, Polyphenylene Sulphide

Number: 3006/023

Issue: 2

Other documents affected:

3006/024-1

Page:

Add new Appendix A

Paragraph:

Add new Appendix A

Original wording:

Proposed wording:

Add Appendix A as follows:

APPENDIX 'A'
AGREED DEVIATIONS FOR EUROFARAD (F)

ITEMS AFFECTED
Para 4.2.4 and 4.2.5

DESCRIPTION OF DEVIATIONS

(b) Para 9.9 Robustness of Terminations shall be performed as follows:

Capacitors shall be mounted on a suitable substrate. After mounting, examination shall be made for good tinning as evidenced by flowing of the solder with wetting of the terminations. A force of 10N shall be applied normal to the line joining the terminals and in a plane parallel to the substrate, for a duration of 10 seconds. There shall be no evidence of damage or loosening of the component from the substrate.

Robustness of Terminations test shall be performed subsequent to the Resistance to Soldering Heat test in Chart IV & Chart V.

Justification:

As these components do not have prehensile terminations, the test carried out shall be similar to the adhesion test used for chips capacitors.



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Eurofarad has always performed the Resistance to Soldering Heat test prior to the Robustness of Terminations test.

Attachments:

N/A

Modifications:

N/A

Approval signature:

Date signed:

2005-04-07