



DOCUMENT CHANGE REQUEST

DCR number 230

Changes required for: N/A

Originator: Steve Thacker

Date: 2006/01/31

Date sent: 2006/01/31

Organisation: ESA/ESTEC

Status: IMPLEMENTED

Title: Resistors Heaters Flexible Single and Double Layer, Follow-up Specification for ESA/SCC Detail

Number: 4009/002

Issue: 3

Other documents affected:

Page:

Page 14, Appendix 'A'

Paragraph:

Page 14, Appendix 'A'

Original wording:

Proposed wording:

See attached mark-up for details.
Add the following to the RICA appendix 'A':
Per generic 4009 Para 8.3, Overload during Screening
The electrical measurements after Overload shall be optional at the Manufacturer's discretion

Justification:

RICA have never had a failure during the post overload electrical test. The visual inspection is considered sufficient to judge the results of this test. Electrical testing is still performed after Burn-in.

Attachments:

DCR_Attachment_4009002.pdf, null

Modifications:

N/A

Approval signature:

Date signed:

2006-01-31



APPENDIX 'A'

AGREED DEVIATIONS FOR RICA (I)

ITEMS AFFECTED	DESCRIPTION OF DEVIATIONS
Deviations from Screening Tests - Chart F3	<p>Heaters with cover material applied: Where cover material has been applied during the heater lamination process, the deviations specified in Para. 2.1.1.1(a) of this specification are not applicable.</p> <p>Rapid Change of Temperature: Mounting: Heaters may be mounted using any suitable method</p> <p>Data Points: Measurements during and after testing are optional at the Manufacturer's discretion..</p> <p>Serialisation: Serialisation prior to Screening Tests, with subsequent read and record electrical measurements during Screening Tests, is optional at the Manufacturer's discretion.</p>

Electrical

Overload
Data Points: Electrical measurements after testing are optional at the Manufacturer's discretion.