



DOCUMENT CHANGE REQUEST

DCR number	584	Changes required for:	General	Originator:	Steve Thacker - ESCC
Date:	2010/03/22	Date sent:	2010/03/22	Organisation:	ESA/ESTEC
Status:	IMPLEMENTED				

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

Number: 4009/002 Issue: 5

Other documents affected:

Page:

Page 14, Appendix 'A', AGREED DEVIATIONS FOR RICA (I)

Paragraph:

Page 14, Appendix 'A', AGREED DEVIATIONS FOR RICA (I)

Original wording:

Proposed wording:

Page 14 Appendix A - add a second table row to state:

.....

For "ITEMS AFFECTED":

Deviations from the Generic Specification

For "DESCRIPTION OF DEVIATIONS":

Chart F4-Qualification and Periodic Tests - the specified period for the Endurance Subgroup shall be 24 months.

Justification:

Approved DCR 567 (Approved at PSWG 43 2010/03/10) changed the requirement for ESCC 4009 Chart F4 Endurance Subgroup from 24 months to 12 months. (The period had been 24 months since DCR 229 was approved and implemented into Issue 3 in September 2006.)

In approving DCR 567 PSWG stated that the 24 months basis should be maintained for IRCA, RICA Division.

RICA, as an ESCC qualified manufacturer (Certificate No. 184 April 1992 to the present), has the necessary accumulated endurance subgroup test data to support the continuation of the subgroup testing on a 24 month basis. The summary of recent test data is as follows:



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see attached data table

Attachments:

DCR584att.pdf, null

Modifications:

N/A

Approval signature:

Date signed:

2010-03-22

DCR Attachment

The summary of recent test data is as follows:

Year	ESCC Component No	Lot No	Sample Size/ Failures	Remark
2004	400900204BR0419	0419A	8 / 0	New qualification single /double layer (ex.Nicolitch)
2004	400900204BR0414	0419A	8 / 0	New qualification single /double layer (ex.Nicolitch)
2004	400900204BR0416	0419A	8 / 0	New qualification single /double layer (ex.Nicolitch)
2004	400900204BR0415	0419A	8 / 0	New qualification single /double layer (ex.Nicolitch)
2006	400900203BR0652	0604A	15 / 0	Upon RICA customer demand
2006	400900228BR0413	0644A	8 / 0	
2006	400900204BR0416	0644A	7 / 0	
2007	400900203BR0652	0748A	15 / 0	Upon RICA customer demand
2008	400900203BR0652	0850A	15 / 0	Upon RICA customer demand
2009	400900228R1016	0904A	8 / 0	
2009	400900204R1015	0904A	7 / 0	
2009	400900203BR0652	0927A	15 / 0	Upon RICA customer demand