



# DOCUMENT CHANGE REQUEST

DCR number	565	Changes required for:	General	Originator:	Steve Thacker - ESCC
Date:	2009/12/17	Date sent:	2009/12/17	Organisation:	
Status:	IMPLEMENTED				

Title:	Generic Specification for Resistors Fixed Film				
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Number:	4001	Issue:	2
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Other documents affected:

Page:

Page 12 Para 7.1.1.1

Paragraph:

Page 12 Para 7.1.1.1

Original wording:

Proposed wording:

Para 7.1.1.1 is replaced in total by the following:

.....  
7.1.1.1 Failure Rate Level Qualification Approval

In order to obtain failure rate level qualification approval in accordance with ESCC Basic Specification No. 26000, the Manufacturer shall perform Failure Rate Endurance Testing in accordance with the Failure Rate Endurance Testing Subgroup of Chart F4.

Samples to be subjected to Failure Rate Endurance Testing shall be selected in accordance with the failure rate level qualification sampling plans defined in ESCC Basic Specification No. 26000. The minimum requirement for qualification is to successfully utilise a single sampling plan based on a 60% confidence level to achieve failure rate level R.

A more stringent sampling plan may be employed, at the discretion of the manufacturer, to achieve a lower failure rate (failure rate level S).

When Failure Rate Endurance Testing is being performed, endurance testing in accordance with the Endurance Subgroup of Chart F4 is not required to be performed.

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Note - Changes already included in pending DCR534 applicable to Para 7.1.1.1 are:  
Replace in 1st sentence "subgroup 4" by "the Failure Rate Endurance Testing Subgroup"  
Replace in 2nd sub-Para "subgroup 2" by "the Endurance Subgroup"  
Correct ESCC references to be "26000" (was "2xxxx")



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note - original wording was:

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### 7.1.1.1 Failure Rate Level Qualification Approval

In order to obtain failure rate level qualification approval in accordance with ESCC Basic Specification No. 2xxxx, the Manufacturer shall perform Failure Rate Endurance Testing in accordance with subgroup 4 of Chart F4. Samples to be subjected to Failure Rate Endurance Testing shall be selected in accordance with the failure rate level qualification sampling plan, in accordance with ESCC Basic Specification No. 2xxxx, to a maximum failure rate level R, with a 60% confidence level.

When Failure Rate Endurance Testing is being performed, endurance testing in accordance with subgroup 2 of Chart F4 is not required to be performed.

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Justification:

This is purley an editorial change for the purposes of clarification and to prevent any possible confusion caused by the use of the phrase 'maximum failure rate level' in the original wording.

Attachments:

N/A

Modifications:

N/A

Approval signature:

Date signed:

2009-12-17