



DOCUMENT CHANGE REQUEST

DCR number	374	Changes required for:	General	Originator:	Steve Thacker - ESCC
Date:	2007/08/14	Date sent:	2007/08/14	Organisation:	ESA/ESTEC
Status:	IMPLEMENTED				

Title: Resistors fixed film chips, based on type P HR

Number:	4001/023	Issue:	2
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Other documents affected:

Page:

As below

Paragraph:

As below

Original wording:

Proposed wording:

The following editorial changes are proposed to be incorporated throughout the specification to make this specification consistent with similar published ESCC4001/026 issue 1:

- use of standard terms, symbols, parameter units e.g. Reference by means of relevant "Variant number" (rather than just the applicable "style"); use of "components" (instead of "resistors"); use of "UI" (instead of Ui) in Table 1(b) & 6; mW (instead of W) in Table 1(a)
- use of standard paragraph wording, table layout & content e.g. Para 1.2, Para 3, Table 1(a), Table 1(b), Figure 2; Para 4.2.2; Para 4.3.3; Para 4.4.1, Para 4.4.2; Para 4.7.2; Para 4.8, Table 6
- Deletion of non-significant trailing zeros e.g. Table 2, Para 4.5.2.3

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Specific changes included that may be considered to have a technical impact and not be simple editorial changes are as follows:

Table 1(a) Note 2: Resistance values shall be defined as those with 3 significant figures (as opposed to "any value" without limitation)

Para 4.2.2: Overload test duration shall be "2 sec minimum" (rather than just "2 sec")



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Para 4.2.4(c) & 4.2.5(b) & Table 6: Delete statement that Permanence of Marking is not applicable (the test would be applicable only if parts have some marking e.g. value code)

Para 4.4.1 Delete "inorganic" (refer only to " ..a suitable coating")(to be consistent with other similar ESCC detail specs)

Para 4.4.3 Delete para on "Films" (visual inspection requirements are covered by relevant basic specs)

Table 3 - adjust the limits for delta-R/R to take into account the specified tolerance on temperature e.g.
For TC 10ppm/C: limit is +/-0.08% (instead of +/-0.077%) etc

Para 4.8 substrate material is glass polyimide for testing at room temperature (instead of alumina)(to be consistent with other similar ESCC detail specs)

Justification:

For clarification and consistency purposes and as above.

Attachments:

N/A

Modifications:

N/A

Approval signature:

Date signed:

2007-08-14