DOCUMENT CHANGE REQUEST

DCR number 1586	Changes required for: General	Originator: Steve Thacker
Date: 2023/11/28	Date sent: 2023/07/10	Organisation: ESCC Executive Secretariat
Status: IMPLEMENTED		

Title:	Evaluation Test Programme for Resistors		
Number:	2264000	Issue:	4

Other documents affected:

3010-5, 4001-6, 4001/027-8, 4001/028-4, 4009-8

Page:

Various; see attached spec mark-ups for details

Paragraph:

Various; see attached spec mark-ups for details

Original wording:

As per currently published spec; see above

Proposed wording:

Amend the following IEC publication references used within the following ESCC specifications, as follows.

Note: some additional minor editorial amendments are also incorporated into the various specifications.

Note: See yellow highlights in the attached spec mark-ups for details of all changes.

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2264000 issue 3:

Para 5.8.2 Humidity Test: correct IEC publication reference to be 600078-2-78

(was: 60068-2)

.....

3010 issue 4

Para 8.8 Robustness of Terminations: correct IEC publication reference to be:

Test Ub2, (Bending: for Tag Termination)

(was: Test Ub, Clause 4.5.2.2 (Bending-Tag Termination))

.....

4001 issue 5

Para 8.3.1.2.2 Surface Mount Resistors: correct IEC publication reference to be:

60115-1 (Insulation resistance).

(was: 60115-1, Clauses 4.6.1.4 or 4.6.1.5.)

Para 8.3.1.3.2 Surface Mount Resistors: correct IEC publication reference to be:

60115-1 (Voltage proof).

(was: 60115-1, Clause 4.7.1.)

Para 8.4 Burn-in: correct IEC publication reference to be:
60115-1 (Endurance tests).
(was: 60115-1, Clause 4.25.)

Para 8.7 Surface Mount Resistor Mounting: correct IEC publication reference to be:
60115-1 (Mounting of specimens).
(was: 60115-1, Clause 4.31.)

Para 8.11.2.1 Shear (Adhesion) Test: correct IEC publication reference to be:
60115-1 (Shear test),
(was: 60115-1, Clause 4.32,)

Para 8.11.2.2 Substrate Bending Test: correct IEC publication reference to be:
60115-1 (Substrate bending test),
(was: 60115-1, Clause 4.33,)
.....

4009 issue 7
Para 8.4 Burn-in: correct IEC publication reference to be:
60115-1 (Endurance tests),
(was: 60115-1, Clause 4.25,)
.....

4001/027 issue 7 & 4001/028 issue 4
In appendix A item Para. 2.2 Marking: Marking of Traceability Information.
correct IEC publication reference in the first bullet/sentence to be:
• the first digit is a letter to indicate the year of manufacture in accordance with the first digit of the two-character code for year and month in a twenty-year cycle in IEC Publication No. 60062.
(was: the first digit is a letter to indicate the year of manufacture in accordance with the 20-year cycle code per Table 10a of IEC Publication No. 60062.)

Bring up to date the given example to be: R41 for week 41 of 2023

Justification:

Correct/remove various now incorrect/redundant specific IEC clause/table references from the above ESCC specifications (due to having been changed in new revisions of the various IEC publications).

Attachments:
escc3010iss_draft_5a_in_review.docx, escc4001027iss_draft_8a_in_review.docx, escc4009iss_draft_8a_in_review_for_publishing.docx, escc2264000iss_draft_4a_in_review.docx, escc4001028iss_draft_5a_in_review.docx, escc4001iss_draft_6a_in_review.docx
Modifications:
N/A
Approval signature:
Date signed:
2023-11-28