DOCUMENT CHANGE REQUEST

DCR number 1111	Changes required for: General	Originator: Steve Jeffery
Date: 2018/12/10	Date sent: 2017/09/21	Organisation: ESCC Executive
Status: IMPLEMENTED		

Title:	Diodes Microwave Silicon Multiplier Varactor, based on types DH252,256, 267,292, 294		
Number:	5512/016	Issue:	7

Other documents affected:

5512/023-6, 5513/031-6, 5513/032-6, 5513/033-6, 5513/034-6, 5513/036-6, 5513/037-6, 5513/038-7, 5711/002-3

Page:

See each attached draft Detail Specification.

Paragraph:

Paragraph: See each attached draft Detail Specification.

Original wording:

See each existing published Detail Specification.

Proposed wording:

Various editorial changes which are highlighted (in yellow) in each attached Draft Detail Specification.

Examples of these editorial changes include:

- Remove Naked as/where necessary (as the term now used in the Generic Specification for such components is Die instead of Naked Die).
- The details of the glassivation material and thickness is added, as required, to Para. 1.9.2 Materials and Finishes of Die Components
- The title of Para. 2.1.1.1 is amended.
- The text on the component is deleted from Para 2.2.
- Para 2.4 is re-worded to clarify that, for Die Component Variants, Terminal Strength is not applicable (was shall not be performed).
- Appendix A: Editorial changes made to all three titles given in the Items Affected column; changes are made to the Description of Deviations for Radiographic Inspection due to the change in the Generic Specification from a single Chart F3 to two Charts, i.e. F3A and F3B.

Note that, for ESCC 5711/002, only some of the above examples apply and there are some other editorial changes (see attached MSWord file 5711002 draft 4A for DCR review).

Justification:

The proposed editorial changes are required to bring these Detail Specifications into line with the recently-published Generic Specification ESCC 5010 Issue 3.

Attachments:

5513032_draft_6a_for_dcr_review.docx, 5513036_draft_6a_for_dcr_review.docx, 5513034_draft_6a_for_dcr_review.docx, 5512016_draft_7a_for_dcr_review.docx, 5513038_draft_7a_for_dcr_review.docx, 5513036_draft_6a_for_dcr_review.docx, 5513037_draft_6a_for_dcr_review.docx, 5513037_draft_6a_for_dcr_review.docx, 5512023_draft_5a_for_dcr_review.docx, 5513034_draft_6a_for_dcr_review.docx, 5512016_draft_7a.docx, 5513032_draft_6a_for_dcr_review.docx, 5512023_draft_5a_for_dcr_review.docx, 5711002_draft_4a_for_dcr_review.docx, 5513031_draft_6a_for_dcr_review.docx, 5513031_draft_6a_for_dcr_review.docx, 5513038_draft_7a_for_dcr_review.docx, 5513033_draft_6a_for_dcr_review.docx, 5711002_draft_4a_for_dcr_review.docx, 5513033_draft_6a_for_dcr_review.docx

Modifications:

On Detail specifications : 5513/031 (EH50151 TO EH50157), 5513/033 (EH50201 TO EH50209), 5513/034 (EH50251 TO EH50256).
Para 1.9.2 (Materials and Finishes of Naked Die Component)
(c) Glassivation
In the sentence "The glassivation material on the die backface shall be glass of thickness 5µm minimum" Suppress "on the backface"

Justification:
the backface (backside ?) of the die is metalized

Approval signature:



Date signed:

2018-12-10