DOCUMENT CHANGE REQUEST

DCR number 1373	Changes required for: General	Originator: Leny Baczkowski
Date: 2021/05/07	Date sent: 2020/08/31	Organisation: CNES
Status: IMPLEMENTED		

Title:	External Visual Inspection of Electromagnetic Relays		
Number:	2053600	Issue:	2

Other documents affected:

Page:

5

Paragraph:

4.2.1

Original wording:

(b) Exposed base material anywhere on the lead within a distance of 20mm of the case, other than that caused by (a).

Proposed wording:

(b) Exposed base material anywhere on the lead within a distance of 20mm of the case, other than that caused by (a) and (g).
(g) When plating is used, exposed base material or underplating material, beyond a distance of 2.5mm of the case.

Justification:

Plating with wire wrapping is used in case of some <5A qualified relays. The wire is wrapped within a distance of 1.27mm according to MIL-PRF-83536B: par. 3.5.7.3. As a consequence of this wire wrapping, exposed base or underplating material is not covered by the plating within a distance up to 2.5mm to the case. This process is the original process since a long time for these qualified relays.

Attachments:
escc2053600iss_draft_3b_in_review_per_dcr1373.docx
Modifications:
N/A
Approval signature:

Date signed:
2021-05-07