



DOCUMENT CHANGE REQUEST

DCR number 614 Changes required for: General

Originator: olivier Perat

Date: 2011/10/20

Date sent: 2010/06/16

Organisation: ESA/ESTEC

Status: IMPLEMENTED

Title: Contacts Electrical Crimp for 3401/007 and 3401/008 Connectors

Number: 3401/009

Issue: 2

Other documents affected:

3401/012-1

Page:

table 1A pg 6

Paragraph:

table 1A pg 6

Original wording:

Proposed wording:

Change rated current values for variants

3401 009 05 : from 2.0A to 2.5A

3401 009 06 : from 2.0A to 2.5A

3401 009 11 : from 23A to 25A

3401 009 12 : from 23A to 25A

3401 012 03 : from 2.0A to 2.5A

3401 012 04 : from 2.0A to 2.5A

Justification:

The max current is not limited by the contact but by the wires to be used with the contact. Therefore, the ESCC values shall be coherent with ECSS Q-ST-30-11C.

Technically, no issue to change the values as described in 9.

Attachments:

N/A

Modifications:

The following additions shall apply to this DCR614 for the purposes of consistency & completeness:

For ESCC3401/009:

Page 6 & 7, Table 1(a) Type Variants:

for Variants 03 & 04 change Rated Current to be 7.5A (was 10A)

for Variants 15 & 16 change Rated Current to be 45A (was 46A)

for Variants 17 & 18 change Rated Current to be 32A (was 33A)

for Variants 19 & 20 change Rated Current to be only 45A (was 46A & 33A); plus delete "10" from the Crimp Barrel boxes (leaving "8 (4)" in the crimp barrel boxes).

For ESCC3401/012:

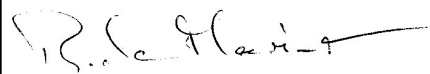
Add reference to "and 3401/008" (next to existing "3401/011") in the following locations:

- Title page
- Paras 1.1, 2, 4.3.5, 4.3.6, 4.3.7, 4.4.1, 4.4.2, 4.4.4, 4.4.5, 4.4.6
- Table 6 (tests # 2 3 4 5 8 12 15 16 17)

Note: In Para 2 include the full title for 3401/008:

ESCC Detail Specification No. 3401/008, Connectors Miniature Electrical Circular Push-Pull Coupling Removable Crimp Contacts, based on type DBAS

Approval signature:



Date signed:

2011-10-20