



## DOCUMENT CHANGE REQUEST

DCR number 759 Changes required for: General

Date: 2013/09/20

Date sent: 2012/10/01

Originator: Jean-François Baudri

Organisation: FIRADEC

Status: IMPLEMENTED

Title: Requirements for Lead Materials and Finishes for Components for Space Application

Number: 23500

Issue: 5

Other documents affected:

Page:

8

Paragraph:

3.3

Original wording:

Not applicable : No change in the text, only an adding item in the table

Proposed wording:

Please add the finish type 16 :

16 : Tin-Lead plating, electro-deposited with Nickel underplating. The first layer shall be a Nickel plating electro-deposited with a thickness of 1.3µm to 3.8µm. The final layer to be applied shall be electro-deposited tin-lead plating with a composition of 85% to 95% tin. The thickness of the tin-lead shall be 2.5µm to 13µm.

Justification:

The finish proposed is equivalent to the type 3 but with a decreasing of Pb concentration. This finish is proposed due to European regulations to reduce Lead in accordance with the best commercial practice.

Attachments:

N/A

Modifications:

As per PSWG No 59 (27/6/2013) dispositions recorded in ESCC 23500, draft issue 6 of June: ref doc. ESCC 25500 added, tin lead control plan requested, finish Numbers 16, 17, 18 added.

Approval signature:

Date signed:

2013-09-20

