



DOCUMENT CHANGE REQUEST

DCR number	861	Changes required for:	General	Originator:	Steve Thacker
Date:	2014/08/21	Date sent:	2014/05/06	Organisation:	ESCC Executive Secretariat
Status:	IMPLEMENTED				

Title: Load, RF, Coaxial, Type SMA, DC-18GHz

Number: 3403/004 Issue: 4

Other documents affected:

3403/008-3, 3403/009-3, 3403/010-2

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3403/004: Page 10
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3403/009: Page 14
3403/010: Page 10

Paragraph:

Para. 1.7, MATERIALS AND FINISHES

Original wording:

3403/004
Para 1.7, MATERIALS AND FINISHES
a. Variant 01
– Shell, Coupling Nut, Centre Contact: Beryllium copper, with copper underplate (2.5µm minimum) and gold plating (2.5µm minimum).
b. Variant 02
– Shell, Coupling Nut, Centre Contact: Beryllium copper, with nickel underplate (2µm minimum) and gold plating (2.5µm minimum).
c. Variant 03
– Centre Contact: Beryllium copper with nickel underplate (2µm minimum) and gold plating (2.5µm minimum).

3403/008
Para. 1.7, MATERIALS AND FINISHES
c. Centre Contact: Beryllium Copper, with nickel underplate (2µm minimum) and Gold plating (1.3µm minimum).

3403/009
Para. 1.7, MATERIALS AND FINISHES
c. Centre Contact: Beryllium Copper, with nickel underplate (2µm minimum) and Gold plating (1.3µm minimum).

3403/010

DCR number 861 Changes required for: General

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Originator: Steve Thacker

Organisation: ESCC Executive
Secretariat

Para. 1.7, MATERIALS AND FINISHES

c. Centre Contact: Beryllium Copper, with nickel underplate (2µm minimum) and Gold plating (1.3µm minimum).

Proposed wording:

Amend the plating thickness measurement requirements for the centre contact(s) for each type/spec as follows:

3403/004

Para 1.7, MATERIALS AND FINISHES

a. Variant 01

– Shell, Coupling Nut, Centre Contact: Beryllium copper, with copper underplate (2.5µm minimum) and gold plating (2.5µm minimum). Measurements of plating thickness on the centre contact shall be performed on pin diameter ØI (see Interface Dimensions).

b. Variant 02

– Shell, Coupling Nut, Centre Contact: Beryllium copper, with nickel underplate (2µm minimum) and gold plating (2.5µm minimum). Measurements of plating thickness on the centre contact shall be performed on pin diameter ØI (see Interface Dimensions).

c. Variant 03

– Centre Contact: Beryllium copper with nickel underplate (2µm minimum) and gold plating (2.5µm minimum). Measurements of plating thickness on the centre contact shall be performed on pin diameter ØI (see Interface Dimensions).

3403/008

Para. 1.7, MATERIALS AND FINISHES

c. Centre Contact: Beryllium Copper, with nickel underplate (2µm minimum) and Gold plating (1.3µm minimum).

Measurements of plating thickness shall be performed inside the female centre contact at a maximum distance of 0.4mm from the end and on the male centre contact on pin diameter ØF (see Interface Dimensions).

3403/009

Para. 1.7, MATERIALS AND FINISHES

c. Centre Contact: Beryllium Copper, with nickel underplate (2µm minimum) and Gold plating (1.3µm minimum).

Measurements of plating thickness shall be performed inside the female centre contact at a maximum distance of 0.4mm from the end and on the male centre contact on pin diameter ØF (see Interface Dimensions).

3403/010

Para. 1.7, MATERIALS AND FINISHES

c. Centre Contact: Beryllium Copper, with nickel underplate (2µm minimum) and Gold plating (1.3µm minimum).

Measurements of plating thickness on the centre contact shall be performed on pin diameter ØI (see Interface Dimensions).



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Justification:

Same change as per DCR825 to be consistent across the range of ESCC 3403/xxx detail specifications. This is a clarification of the plating thickness test measurement requirements.
(Original justification per DCR825: This modification has been requested by customers.)

Attachments:

N/A

Modifications:

N/A

Approval signature:

Date signed:

2014-08-21