DOCUMENT CHANGE REQUEST

DCR number 1195	Changes required for: General	Originator: Celine Dumortier
Date: 2019/03/25	Date sent: 2018/11/30	Organisation: Radiall
Status: IMPLEMENTED		

Title:	RF Coaxial Adaptors and Connecting Pieces, Type SMA 2.9, 50 Ohms		
Number:	3402/023	Issue:	6

Other documents affected:

Page:

19

Paragraph:

VARIANT 01 – STRAIGHT MALE-MALE ADAPTOR

Original wording:

Dimension B min =19.7 and Dimension B max = 20

Proposed wording:

Dimension B min =17.1 and Dimension B max = 20.6

Justification:

The dimension B is wrong because there are the gap of the nut and the ring (see drawing attached)

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Paragraph:

VARIANT 03 – STRAIGHT MALE-FEMALE ADAPTOR

Original wording:

Dimension B min =18.82 and Dimension B max = 18.97

Proposed wording:

Dimension B min =18.2 and Dimension B max = 19.3

Justification:

The dimension B is wrong because there are the gap of the nut and the ring (see drawing attached)

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Paragraph:

VARIANT 06 – RIGHT ANGLE MALE-FEMALE ADAPTOR

Original wording:

Maximum Weight = 4.8 g

Proposed wording:

Maximum Weight = 7 g

Justification:

The weight of the variant Male- Female (4.8g) is wrong because the variant male – male (variante 4) is of 7, 5g and the variant Female-Female (Variant 5) is 5g. The weight of the variant Male-Female (variante 6) is of 7g.

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19 to 24

Paragraph:

VARIANT 01 to 06

Original wording:

RF Leakage = -(90 - f (GHz))dB (STRAIGHT connector) and RF Leakage = -(120 - f (GHz))dB (RIGHT ANGLE connector)

Proposed wording:

RF Leakage = -(115 - f (GHz))dB (STRAIGHT connector and RIGHT ANGLE connector)

Justification:

The RF leakage performance of the straight connector is better than -(90 - f (GHz))dB and the RF leakage performance of the right angle connector is less than -(120 - f (GHz))dB. See attached the performance measured.
The same performance of RF leakage could be applied for the straight and right angle connector.

Attachments:

mesure_rf_leakage_raccord_sma2.9_maj_28.11.2018(2).pdf, drawing___gap_ring_nut(2).docx

Modifications:

The following modification has been agreed by supporting Manufacturers: Radiall and Rosenberger.

Note: Original DCR changes to Dim B for Variant 03, Dim. B for Variant 01, Max. Weight for Variant 06 are not modified and still apply.

The change to RF leakage value for Variants 01 to 06 (on Pages 19 to 24) is replaced by the following:

RF Leakage value for only Variants 04, 05, 06 (right angle adaptors) is changed to be: -(115 - f(GHz)) dB

[was: -(120 - f(GHz)) dB]

[Variants 01, 02, 03 are unchanged in this regard)

Approval signature:



Date signed:

2019-03-25