



DOCUMENT CHANGE REQUEST

DCR number 401 Changes required for: General

Date: 2008/03/26

Date sent: 2008/03/26

Originator: Alexander Kovach

Organisation: DLR

Status: IMPLEMENTED

Title: Crystal Units in Metal Holder, based on type T807, frequency range 4.0-140MHz.(Follow-up

Number: 3501/008

Issue: 2

Other documents affected:

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Table 1(a) - Type Variant Detailed Information

Type Variant No. 11

No. 15

Characteristic: Static capacitance

Limits (Max): 3,0pF

Paragraph:

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Table 1(a) - Type Variant Detailed Information

Type Variant No. 11

No. 15

Characteristic: Static capacitance

Limits (Max): 3,0pF

Original wording:

Proposed wording:


No. 15

Characteristic: Static capacitance

Limits (Max): 3,5pF

Justification:

Two main electrical parameters are to be satisfied - resonance resistance and static capacitance. When the diameter of the electrode is increased to its maximal value in order to set static capacitance under the specified 3,0pF, resonance resistance is a bit over the specified 17 Ohms. If the maximal limit of the static capacitance is changed to be lower then 3,5pF there is enough space to increased the diameter of the electrode in order to obtain lower resonace resistance, under the specified 17 Ohms. Therefore, we see the necessity for change of the maximal static capacitance limit. The proposed new maximal value has to be set on 3,5pF.

Attachments:
N/A
Modifications:
N/A
Approval signature:

Date signed:
2008-03-26