DOCUMENT CHANGE REQUEST

DCR number 307	Changes required for: Qualification	Originator: Philippe Baviere
Date: 2006/12/12	Date sent: 2006/12/12	Organisation: CNES
Status: IMPLEMENTED		

Title:	RF Inductors Fixed Miniature Moulded SMD, based on series MSCI 10K and MSCI 12K		
Number:	3201/008	Issue:	3

Other documents affected:

Page:

Title,
Para 1.1
Table 1(a)

Paragraph:

Title,
Para 1.1
Table 1(a)

Original wording:

Proposed wording:

See Attachment

Justification:

Addition of the serie H01.

H01 is a new serie of inductors based on the package C of the figure 2.

Attachments:

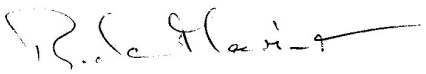
307att.pdf, null

Modifications:

The following additional changes are included in this DCR:
A - Spec Title & Para 1.1
Change spec title & para 1.1 to read "based on Series MSCI 10K, 12K, 20K and H01"
B - Table 1(a) Range of Components
For the new RANGE OF COMPONENTS table for H01 Series the "Type Number" in column 1 shall reflect the ESCC standard value code as defined in para 4.5.3.1 plus shall include the 15% tolerance code letter "L" for all values.
i.e. The correct codes for the 14 new items in the new Table shall be as follows:
L38L (was: K38)
L67L (was: K67)
1L0L (was: 1K0)
1L5L (was: 1K5)
2L0L (was: 2K0)
2L7L (was: 2K7)
3L4L (was: 3K4)
4L6L (was: 4K6)
5L6L (was: 5K6)
7L1L (was: 7K1)
100L (was: 10K)
120L (was: 12K)
270L (was: 27K)
101L (was: M10)
The header row of the Table should be equivalent as for the current 20K range (including column numbers & parameter symbols).
The units and values in column 8 (Rated DC Current) should all be converted to mA to be consistent with the other tables e.g.
1st line should read 1500mA
Last line should read 100mA

3 - Para 4.5.3.2 Tolerances
Add row for new tolerance 15% with code letter "L"

Approval signature:



Date signed:

2006-12-12

DCR H01 -3201/008

1- Change title of the detail specification to read "based on series MSCI and H01"
Change para 1.1 accordingly.

2- In Table 1(a) Type Variants, add a new variant

Variant	Type	Figure	Terminal Finish	Weight
05	H01	2C	SnPb	0.5

Add the following table :

RANGE OF COMPONENTS - H01 SERIES

Type Number	Inductance µH	Tolerance ± %	Q Min	Test frequency (MHz)	Min SRF (MHz)	Max DC Resistance (Ω)	Rated DC Current (A)	Case Size
K38	0.38	15	30	1	8	0.029	1.5	C
K67	0.67	15	30	1	8	0.039	1.25	C
1K0	1.0	15	30	1	8	0.054	1	C
1K5	1.5	15	30	1	8	0.073	0.85	C
2K0	2.0	15	30	1	8	0.10	0.70	C
2K7	2.7	15	30	1	8	0.12	0.62	C
3K4	3.4	15	30	1	8	0.15	0.55	C
4K6	4.6	15	30	1	8	0.19	0.49	C
5K6	5.6	15	30	1	8	0.23	0.44	C
7K1	7.1	15	30	1	8	0.27	0.41	C
10K	10	15	30	1	8	0.39	0.34	C
12K	12	15	30	1	8	0.53	0.29	C
27K	27	15	30	1	8	1.04	0.20	C
M10	100	15	30	1	8	3.80	0.10	C