DOCUMENT CHANGE REQUEST

DCR number 397	Changes required for: General	Originator: nicolas martini
Date: 2008/03/26	Date sent: 2008/03/26	Organisation: CNES
Status: IMPLEMENTED		

Title:	General Requirements for the Marking of ESCC Components		
Number:	21700	Issue:	2

Other documents affected:

Page:

Â§ 7 MARKING CODES FOR PASSIVE COMPONENTS

Paragraph:

Â§ 7 MARKING CODES FOR PASSIVE COMPONENTS

Original wording:

Proposed wording:

Add § 7.4 ESTABLISH RELIABILITY LEVEL
Establish Reliability Level shall be expressed by means of one of the codes detailed hereafter.

Justification:

To be in accordance wtih the new ESCC Basic Specification No. 2xxxx "FAILURE RATE SAMPLING PLANS AND PROCEDURES"

Attachments:

DCRxxx_Draft_A_AI_32-1.pdf, null

Modifications:

a) Para. 2.2.1, amended to be as follows:
.....
2.2.1 Qualified Components
Components procured from a qualified source, whose qualification status is valid at the time of delivery, shall be marked as specified herein.
Marking shall include:
- the ESCC qualified component symbol to signify their conformance to the ESCC qualification requirements and their full compliance with the relevant ESCC Generic and Detail Specifications
- where applicable, the failure rate level letter to signify their conformance with the failure rate level qualification approval requirements of ESCC Basic Specification No.2xxxx and the relevant ESCC Generic and Detail Specifications.

For such components, the marking requirements specified herein are mandatory.

Note: Delivery is taken to mean despatch to the orderer or delivery into a “finished goods store” provided that the components are enclosed in their primary package per the requirements of ESCC Basic Specification No. 20600.
.....

b) Para. 2.2.2, amended to be as follows:
.....
2.2.2 Unqualified Components
Components procured from sources which are not qualified but which fully comply with the procurement requirements of the relevant ESCC Generic and Detail Specifications, may be marked in accordance with the requirements specified herein. They may not be marked with the ESCC qualified components symbol nor the failure rate level letter.
.....

c) Para. 3.1, add: ESCC 2xxxx Failure Rate Level Sampling Plans and Procedures

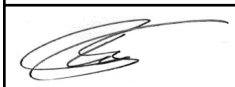
d) Para 6.3, add new item (d) as follows and re-letter accordingly:
(d) The failure rate level letter (as applicable)

e) Add new Para. 6.3.2 as follows and re-number accordingly:
.....
6.3.2 Failure Rate Level Letter
Components which have been granted failure rate level qualification approval in accordance with ESCC Basic Specification No. 2xxxx, during qualification or qualification maintenance, shall be marked with the failure rate level letter for the level approved.

The failure rate level letter shall be as specified in ESCC Basic Specification No. 2xxxx.

Justification:
as above

Approval signature:



Date signed:

2008-03-26

DOCUMENTATION CHANGE REQUEST

TO BE COMPLETED BY ORIGINATOR

Originator (1)	Originator signature (2)	NSA or ESA representative signature (3)	Change request No. (4)
N. MARTINI Affiliation **VISHAY S.A.**	Date : **07/03/08**	Date	**DCR xxx**
			Page 1 of [**1**] (5)

DOCUMENT AFFECTED

Doc. No. (6)	Status (7)	Title (8)	Other documents affected
21700	**issue 2 Draft D**	**GENERAL REQUIREMENTS FOR THE MARKING OF ESCC COMPONENTS**	

Paragraph(s) and page(s) affected (9)
§ 7 MARKING CODES FOR PASSIVE COMPONENTS

PROPOSED WORDING OF CHANGE

Add § 7.4 ESTABLISH RELIABILITY LEVEL
Establish Reliability Level shall be expressed by means of one of the codes detailed hereafter.

Established Reliability Level	Code
Non Established Reliability	T
1.0 10^{-6} / H or 0.1% / 1 000 H	P
1.0 10^{-7} / H or 0.01% / 1 000 H	R
1.0 10^{-8} / H or 0.001% / 1 000 H	S

Continuation sheet ☐ Yes ☒ No

JUSTIFICATION (12)
To be in accordance wtih the new ESCC Basic Specification No. 2xxxx "FAILURE RATE SAMPLING PLANS AND PROCEDURES"

Continuation sheet ☐ Yes ☒ No

Changes required for : (13)
Procurement (project) ☐ Qualification ☐ MRB decision ☐
General Improvement of Spec. ☒ Other ☐

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Date of registration :	**Order of Priority for Appr. / Impl. :** 1 (high) ☐ 2 (medium) ☐ 3 (high) ☐
Attachments :	**Qualification Status :** Qualified ☐ In process of qualification ☐

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Approved	**Date and signature**	**Reference to SCCG decision**
☐ Yes ☐ No Priority ☐		

Approved wording if different from box 11 or reason for rejection (14)

Continuation sheet ☐ Yes ☒ No