

Förderverein für Elektrotechnische Normung (FEN) e. V.
Cenelec Electronic Components Committee

CECC

Système Harmonisé d'Assurance de la Qualité
des Composants Electroniques

SPECIFICATION PARTICULIERE:

CONDENSATEURS FIXES AU
TANTALE POUR MONTAGE EN
SURFACE A ELECTROLYTE
SOLIDE ET A ANODE POREUSE
GAMME ETENDUE

Harmonized System of Quality Assessment for
Electronic Components

DETAIL SPECIFICATION:

FIXED TANTALUM SURFACE
MOUNTING CAPACITORS WITH
SOLID ELECTROLYTE,
POROUS ANODE
EXTENDED RANGE

Harmonisiertes Gütebestätigungssystem für
Bauelemente der Elektronik

BAUARTSPEZIFIKATION:

OBERFLÄCHENMONTIERBARE
TANTAL-FESTKONDENSATOREN
MIT FESTEM ELEKTROLYTEN
UND SINTERANODE
ERWEITERTER KAPAZITÄTSBEREICH



1

Edition
Issue
Ausgabe

CECC 30 801-802

1994

CORRIGENDUM

CECC 30 801-802 Edition/Issue/Ausgabe 1 : 1994

SPECIFICATION PARTICULIERE:

Condensateurs fixes au tantale pour montage en surface à électrolyte solide et à anode poreuse

(GAMME ETENDUE)

Supprimer les pages 7/8 et insérer les nouvelles pages 7/8.

La correction a été effectuée en page 8.

DETAIL SPECIFICATION:

Fixed Tantalum Surface Mounting Capacitors with Solid Electrolyte, Porous Anode

(EXTENDED RANGE)

Remove pages 7/8 and insert new pages 7/8.

The amendment was made on page 8.

BAUARTSPEZIFIKATION:

Oberflächenmontierbare Tantal-Festkondensatoren mit festem Elektrolyten und Sinteranode

(ERWEITERTER KAPAZITÄTSBEREICH)

Die Seiten 7/8 sind herauszunehmen und durch die neuen Seiten 7/8 zu ersetzen.

Seite 8 wurde korrigiert.

CECC 30 801-802

Edition/Issue/Ausgabe 1 : 1994

Corrigendum

Octobre
October 1994
Oktober

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 and
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*or from the National Authorized Institutions
 of the participating countries listed
 who can supply copies of:*

- 1 The Internal Regulations of the FEN e.V.
- 2 The Rules of Procedure of the System
- 3 CECC Specifications of the FEN and National Specifications for the System
- 4 CECC 00 200: Register of Firms, Products, and Services Approved under the CECC System
- 5 CECC 00 300: Register of National Documents Implementing CECC Publications and CECC European Standards
- 6 CECC 00 301: Register of CECC Specifications and Related Detail Specifications
- 7 Other CECC Publications and publicity documents

FOREWORD

The CENELEC Electronic Components Committee (CECC) is composed of those member countries of the European Committee for Electrotechnical Standardization (CENELEC) who wish to take part in a harmonized System for electronic components of assessed quality.

The object of the System is to facilitate international trade by the harmonization of the specifications and quality assessment procedures for electronic components, and by the grant of an internationally recognized Mark, or Certificate, of Conformity. The components produced under the System are thereby acceptable in all member countries without further testing.

This specification should be read in conjunction with the current regulations for the CECC System.

At the date of printing of this specification, the member countries of the CECC are Austria, Belgium, Denmark, Finland, France, Germany, Ireland, Italy, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom, and copies of it can be obtained from the addresses shown on the blue fly sheet.

PREFACE

This specification was prepared by CECC WG3: "Capacitors".

It is based, wherever possible, on the Publications of the International Electrotechnical Commission (IEC).

The text of this specification was circulated to the members of CECC WG3 and was approved for publication under the accelerated procedure for the acceptance of detail specifications with Decisions 10,11 and 12 of the minutes of the CECC CD meeting in document CECC(Sec)1838.

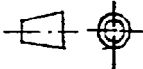
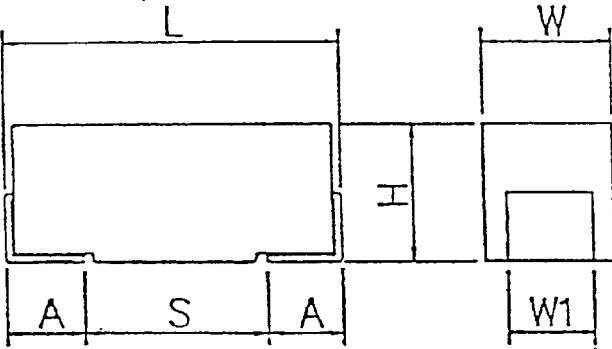
Secretariat Note:

The document was originally drafted by members of CECC WG3 and discussed as document

CECC WG3(Heidecker)2

by WG3 at their meeting in Brussels with the decision to publish it without voting (see minutes CECC WG(Sec)224, item 17.3). But due to a technical inconsistency WG3 decided at their meeting in Scheveningen that the publication had to be suspended (see minutes CECC WG3(Sec)235, item 9.2) until a corresponding amendment of CECC 30 800 had been ratified (CECC(Sec)3344/04.93[RV CECC(Sec)3427/09.93]).

To allow early publication, this detail specification is issued initially in English only. Corresponding versions in French and German will follow on request of ONHs.

HARMONIZED DETAIL SPECIFICATION	CECC 30 801-802
Specification available from: CECC General Secretariat	
ELECTRONIC COMPONENTS OF ASSESSED QUALITY DETAIL SPECIFICATION IN ACCORDANCE WITH: EN 130 000:1993 (CECC 30 800 Issue 2 1990)	MANUFACTURER'S TYPE NUMBERS See CECC 00 200 For ordering information see 1.6
Outline and dimensions First angle projection  <u>Figure 1</u>  (Other shapes are permitted within the dimensions given) Marking information: See 1.5 For details see Figure 2 and Table 1	DETAIL SPECIFICATION FOR FIXED TANTALUM SURFACE MOUNTING CAPACITORS WITH SOLID ELECTROLYTE, POROUS ANODE EXTENDED RANGE
	POLAR SOLID ELECTROLYTE METALLIC TERMINATIONS STYLE I - PROTECTED
	FOR SURFACE MOUNTING

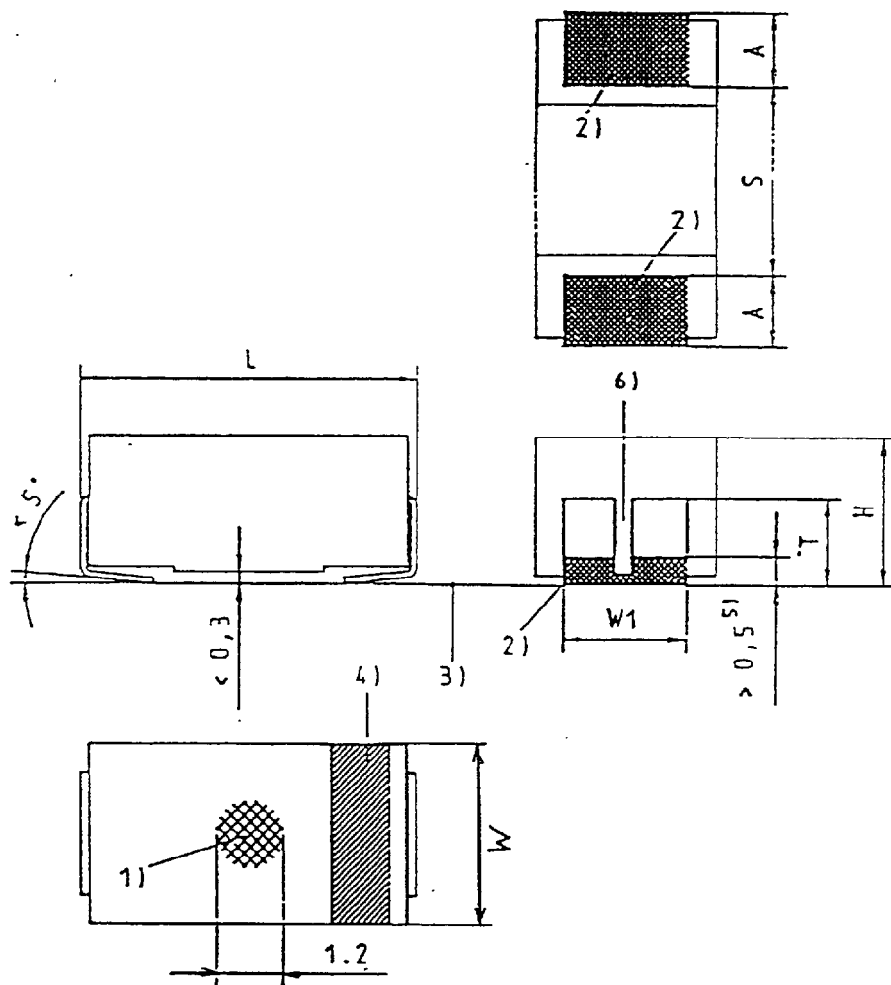
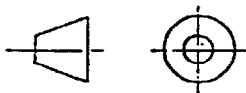
QUICK REFERENCE DATA:	Rated capacitance range (C_R)	0,47 to 220 μF
	Capacitance tolerance	$\pm 10\%$, $\pm 20\%$
	Rated voltage range (U_R)	4 to 35 V d.c.
	Climatic category	55/125/56
	Performance grade	Long life

Information about manufacturers who have components qualified to this detail specification is available in the current CECC 00 200: Register of Firms, Products, and Services Approved under the CECC System (Register of Approvals).

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Figure 2

First angle projection:



Notes:

- For detailed dimensions see Table 1
- Dimensions in mm
- 1) Area on upper surface of the capacitor to allow vacuum pick-up
- 2) Area to be examined after solderability test
- 3) Substrate
- 4) Area for polarity mark
- 5) Dimension W_1 applies to the shaded area only
- 6) This notch is an optional feature