

EIA ENGINEERING BULLETIN

Solid Tantalum Capacitor Shelf-Life

CB18

OCTOBER 2002



**ELECTRONIC COMPONENTS, ASSEMBLIES & MATERIALS
ASSOCIATION**

THE ELECTRONIC COMPONENTS SECTOR OF THE ELECTRONIC INDUSTRIES ALLIANCE



NOTICE

EIA Engineering Standards and Publications are designed to serve the public interest through eliminating misunderstandings between manufacturers and purchasers, facilitating interchangeability and improvement of products, and assisting the purchaser in selecting and obtaining with minimum delay the proper product for his particular need. Existence of such Standards and Publications shall not in any respect preclude any member or nonmember of EIA from manufacturing or selling products not conforming to such Standards and Publications, nor shall the existence of such Standards and Publications preclude their voluntary use by those other than EIA members, whether the standard is to be used either domestically or internationally.

Standards and Publications are adopted by EIA in accordance with the American National Standards Institute (ANSI) patent policy. By such action, EIA does not assume any liability to any patent owner, nor does it assume any obligation whatever to parties adopting the Standard or Publication.

Technical Bulletins are distinguished from EIA Standards or Interim Standards, in that they contain a compilation of engineering data or information useful to the technical community and represent approaches to good engineering practices that are suggested by the formulating committee.

This Bulletin is not intended to preclude or discourage other approaches that similarly represent good engineering practice, or that may be acceptable to, or have been accepted by, appropriate bodies. Parties who wish to bring other approaches to the attention of the formulating committee to be considered for inclusion in future revisions of this Bulletin are encouraged to do so. It is the intention of the formulating committee to revise and update this Bulletin from time to time as may be occasioned by changes in technology, industry practice, or government regulations, or for other appropriate reasons.

(From Project Number 5035, formulated under the cognizance of the ECA P-2.5 Committee for Tantalum & Niobium Capacitors.)

Published by

©ELECTRONIC INDUSTRIES ALLIANCE 2002
Technology Strategy & Standards Department
2500 Wilson Boulevard
Arlington, VA 22201

**PRICE: Please refer to the current
Catalog of EIA Electronic Industries Alliance Standards and Engineering Publications
or call Global Engineering Documents, USA and Canada (1-800-854-7179)
International (303-397-7956)**

All rights reserved
Printed in U.S.A.

PLEASE!

DON'T VIOLATE
THE
LAW!

This document is copyrighted by the EIA and may not be reproduced without permission.

Organizations may obtain permission to reproduce a limited number of copies through entering into a license agreement. For information, contact:

Global Engineering Documents
15 Inverness Way East
Englewood, CO 80112-5704 or call
U.S.A. and Canada 1-800-854-7179, International (303) 397-7956

Solid Tantalum Capacitor Shelf-Life

EIA/ECA Component Bulletin

Recently, there have been industry wide discussions about date codes on solid tantalum capacitors.

The following is the position of the EIA/ECA P-2.5 Engineering Committee for Tantalum & Niobium Capacitors:

Solid tantalum capacitors have no known wear-out mechanism or shelf-life limitations. However, solderability and cover-tape peel strength may be affected by storage conditions. Consult individual manufacturers' data sheets for recommended storage.

EIA Document Improvement Proposal

If in the review or use of this document, a potential change is made evident for safety, health or technical reasons, please fill in the appropriate information below and mail or FAX to:

Electronic Industries Alliance
Technology Strategy & Standards Department – Publications Office
2500 Wilson Blvd.
Arlington, VA 22201
FAX: (703) 907-7501

Document No.	Document Title:
Submitter's Name:	Telephone No.: FAX No.: e-mail:
Address:	
Urgency of Change: Immediate: ☐ At next revision: ☐	
Problem Area: a. Clause Number and/or Drawing: b. Recommended Changes: c. Reason/Rationale for Recommendation:	
Additional Remarks:	
Signature:	Date:
FOR EIA USE ONLY Responsible Committee: Chairman: Date comments forwarded to Committee Chairman:	

