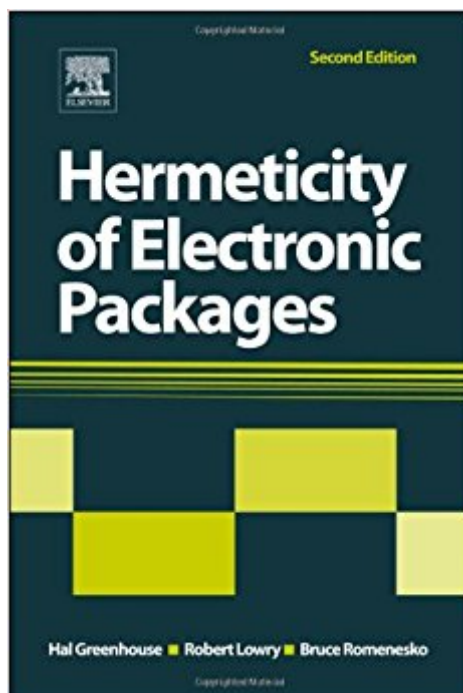


The book was found

Hermeticity Of Electronic Packages, Second Edition



Synopsis

This is a book about the integrity of sealed packages to resist foreign gases and liquids penetrating the seal or an opening (crack) in the package—especially critical to the reliability and longevity of electronics. The author explains how to predict the reliability and the longevity of the packages based on leak rate measurements and the assumptions of impurities. Non-specialists in particular will benefit from the author's long involvement in the technology. Hermeticity is a subject that demands practical experience, and solving one problem does not necessarily give one the background to solve another. Thus, the book provides a ready reference to help deal with day to day issues as they arise. The book gathers in a single volume a great many issues previously available only in journals or only in the experience of working engineers. How to define the "goodness" of a seal? How is that seal measured? How does the integrity of the seal affect circuit reliability? What is the significance of the measured integrity of the seal? What is the relationship of Residual Gas Analysis and the seal integrity? The handbook answers these questions and more, providing an analysis of nearly 100 problems representative of the wide variety of challenges that actually occur in industry today.

Book Information

Hardcover: 360 pages

Publisher: William Andrew; 2 edition (November 11, 2011)

Language: English

ISBN-10: 1437778771

ISBN-13: 978-1437778779

Product Dimensions: 6 x 0.8 x 9 inches

Shipping Weight: 1.4 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars 3 customer reviews

Best Sellers Rank: #2,738,444 in Books (See Top 100 in Books) #79 in Books > Engineering & Transportation > Engineering > Aerospace > Gas Dynamics #128 in Books > Engineering & Transportation > Engineering > Industrial, Manufacturing & Operational Systems > Industrial Design > Packaging #580 in Books > Engineering & Transportation > Engineering > Industrial, Manufacturing & Operational Systems > Industrial Design > Products

Customer Reviews

Essentials of hermeticity technology for package engineers, scientists and technicians as well as novice users, package designers, reliability engineers and those who measure and evaluate the

integrity of packages, especially in the field of microelectronics. --This text refers to an out of print or unavailable edition of this title.

Hal Greenhouse worked for many years at the Bendix Aviation Corporation in Baltimore, MD. His career there began in 1959 in hybrid microcircuit technology in the Bendix Radio Division and the development of thin film technology for use in hybrid microcircuits. He was instrumental in the building of a thick film hybrid microcircuit facility in 1980 and lead designer of over a dozen high reliability hybrid microcircuits for a missile system as well as the design of over 100 hybrid microcircuits and multi chip modules. The author has published a score of papers and 5 patents, one of which is basic and issued in over 20 countries. He is a member of numerous professional societies. --This text refers to an out of print or unavailable edition of this title.

Concisely covers hermeticity, from the theory to practical calculations. It has not gotten dated and is a quick reference tool.

This is simply a must have book for your professional library!

Great technical reference book!

[Download to continue reading...](#)

Hermeticity of Electronic Packages, Second Edition Mastering German: with 15 Compact Discs (Mastering Series: Level 1 CD Packages) Mastering Italian: with 15 Compact Discs (Mastering Series: Level 1 CD Packages) Now You're Talking Russian in No Time (Now You're Talking! CD Packages) Mastering Spanish, Level One with Audio CDs (Mastering Series/Level 1 Compact Disc Packages) On Target: Spanish for Healthcare Providers (On Target Audio CD Packages) Wacky Packages (Topps) TOP PLACES IN THE WORLD TO PLAN YOUR VACATION / HONEYMOON / RETIREMENT: Bonus Chapters Included: TOP 5 Places To Take Photos and Top 5 Places for "City ... vacation packages, vacation photos Book 1) Wacky Packages New New New (Topps) Pronounce it Perfectly in English with Audio CDs (Pronounce It Perfectly CD Packages) Poetry : Powerful Thoughts in Tiny Packages Electronic Cigarette: The Ultimate Guide for Understanding E-Cigarettes And What You Need To Know (Vaping Pen, Electronic Hookah, E-Hookah, E-Liquid, Alternative, Juice, G-Pen, Starter Kit) Essentials of Electronic Testing for Digital, Memory and Mixed-Signal VLSI Circuits (Frontiers in Electronic Testing) Encapsulation Technologies for Electronic Applications (Materials and Processes for Electronic Applications) Handbook of Organic

Materials for Optical and (Opto)Electronic Devices: Properties and Applications (Woodhead Publishing Series in Electronic and Optical Materials) IEC 61508-7 Ed. 1.0 b:2000, Functional safety of electrical/electronic/programmable electronic safety-related systems - Part 7: Overview of techniques and measures Electronic Document Preparation and Management for CSEC Study Guide: Covers latest CSEC Electronic Document Preparation and Management syllabus. How to Diagnose and Fix Everything Electronic, Second Edition How to Diagnose and Fix Everything Electronic, Second Edition (Electronics) Electronic Gadgets for the Evil Genius, Second Edition

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)