ANSI/EIA-364-118-2016
Approved: June 15, 2016

EIA STANDARD

EIA-364-118

TP-118

Thermal Shock Test Procedure for Hermetic Electrical Connectors and Sockets

EIA-364-118

(Was previously published as MIL-DTL-38999, clause 3.7 and 4.5.3)

June 2016

Electronic Components Industry Association

Documents
Document Sharing Hub

Copyright Electronic Components Industry Association

Full document details: ECIA EIA-364-118 2016

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 ECIA 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 ECIA members, whether the standard is to be used either domestically or internationally.

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

This EIA Standard is considered to have International Standardization implications, but the International Electrotechnical Commission activity has not progressed to the point where a valid comparison between the EIA Standard and the IEC document can be made.

This Standard does not purport to address all safety problems associated with its use or all applicable regulatory requirements. It is the responsibility of the user of this Standard to establish appropriate safety and health practices and to determine the applicability of regulatory limitations before its use.

(From Standards Proposal No. 5365, formulated under the cognizance of the CE-2.0 Committee on EIA National Connector and Sockets Standards, and previously published by the DLA Land and Maritime as Department of Defense Specification MIL-DTL-38999, clause 3.7 and 4.5.3.)

Published by

©Electronic Components Industry Association 2016
EIA Standards & Technology Department
2214 Rock Hill Road, Suite 265
Herndon, VA 20170

Documents
Document Sharing Hub

Copyright Electronic Components Industry Association

Full document details: ECIA EIA-364-118 2016

PLEASE !
DON'T VIOLATE
THE
LAW!

This document is copyrighted by the ECIA 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:

IHS
15 Inverness Way East
Englewood, CO 80112-5704 or call
USA and Canada (1-877-413-5186), International (303-397-7956)

Documents
Document Sharing Hub

Copyright Electronic Components Industry Association

Full document details: ECIA EIA-364-118 2016

CONTENTS

Clause		Page
1	Introduction	1
1.1	Scope	1
2	Test resources	1
2.1	Equipment	1
3	Test specimen	1
3.1	Description	1
3.2	Preparation	1
4	Test procedure	2
4.1	Thermal shock exposure	2
4.2	Pass/fail criteria	2
5	Details to be specified	2
6	Test documentation	3

Documents
Document Sharing Hub

Copyright Electronic Components Industry Association

Full document details: ECIA EIA-364-118 2016