

# JEITA

Technical Report of Japan Electronics and Information Technology Industries Association

## *EIAJ RCR - 2350C*

### **Safety Application Guide for fixed plastic film capacitors for use in electronic equipment**

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# Safety Application Guide for fixed plastic film capacitors for use in electronic equipment

## Preface

This guideline was prepared based on **EIAJ RCR-1001**, “The Guideline for the Safe Use of Electronic Components” developed by the Film Capacitor Group of the Technical Standardization Committee on Passive Component of the Japan Electronics and Information Technology Industries Association (**JEITA**). This document is prepared as the revision of **EIAJ RCR-2350A**, published in 1998, “Guideline of notabilia for fixed plastic film capacitors for use in electronic equipment”.

This revised document describes key issues based on the information kindly supplied by component manufacturers in Japan to be observed in applications of plastic film capacitors. It is recommended that this document should be used together with **EIAJ RCR-1001** describing the basic consideration on safe use of electronic components.

## 1. Scope

This guideline is applicable to the plastic film capacitors for use in electronic equipment. The objective is equipment manufactures to adopt safety consciousness in design, manufacturing of equipment and also operation of the equipment in the field. This guideline may also be used as reference to describe the safety matter in product specification and a part of technical information from component suppliers.

This guideline only provides the information of approaches to the safety of electronic components, better ways and recommended points on the use of electronic components for the purpose of improving safety of the electronic equipment. This guideline, therefore, shall not assure the product safety of applied electronic components and electronic equipment even when applications comply fully with this guideline.

The same consideration described in this document is also applicable to plastic film capacitors used in other applications such as automotive electronic systems and various industrial systems.

It is recommended to consult with supplier when the applications are in the area of medical equipment, nuclear equipment and aero-space equipment.

\* Electronic equipment applied following safety Standard;

**IEC 60065** (Audio-visual), **IEC 60950-1** (Information technology) and

**IEC 60335-1** (House hold appliances)

## 2. Normative reference

The references listed below are normative references and must be referred to their contents as complementary information to this document. The latest issues of the documents should be referred to the documents whose publication dates are not specified.