

**Minutes of the P-2.2 Committee on Paper, Film and Mica Capacitors  
April 14, 2002  
Tempe Mission Palms Hotel, Tempe,AZ**

**P-2.2 Committee's scope:** Aluminum electrolytic, paper, film, and mica capacitors for all AC and DC applications, except inductive heating and utility power-factor correction.

<b>Attendees</b>		
<b>Name</b>		<b>Organization</b>
Terry	Charles	Panasonic
Mark	Cohen	Maxwell Technologies
Carl	Lindquist	SAN-O Industrial Corp.
Laird	Macomber	Cornell Dubilier
Maher	Mahmud	IBM Corporation
Ed	Mikoski	EIA/ECA
Michael	Mosier	Vishay
Dave	Ritchey	Phycomp/Yageo

<b>Member Organizations Present</b>	<b>Present at this meeting?</b>	<b>Present at Previous Meeting?</b>	<b>Present at meeting prior to previous?</b>
Cornell Dubilier	Yes	Yes	No
IBM Corporation	Yes	Yes	No
Panasonic	Yes	Yes	Yes(P2.4)
Vishay	Yes	Yes	Yes
Yageo	Yes	Yes	Yes

<b>Member Organizations Absent</b>	<b>Present at this meeting?</b>	<b>Present at Previous Meeting?</b>	<b>Present at meeting prior to previous?</b>
AVX Corporation	No	No	Yes
Intel Corporation*	No	No	Yes
Kemet	No	Yes	Yes(P2.4)
Murata	No	Yes	No
Presidio Components	No	Yes	No

\*not used in determination of quorum due to lack of attendance

<b>Other Organizations Present</b>
Maxwell Technologies
SAN-O Industrial Corp
EIA/ECA

The meeting was called-to-order at 4 PM by Chairman Laird Macomber.

**1.0 Introductions**

A round of self-introductions was conducted.

## **2.0 Approval of Agenda**

The Committee unanimously accepted the Agenda as presented.

## **2.2 Approval of Minutes**

The sub-committee reviewed the Minutes of the October 8, 2002, P-2.2 meeting. It was noted that the PN number on Paragraph 4.4 should be PN 4985, and the PN number in Paragraph 4.5 should be PN 4984. The Committee unanimously accepted the minutes as revised.

## **2.4 Correspondence**

No correspondence was received.

## **2.5 Review of the Committee Scope**

The Committee scope was reviewed and accepted.

## **3.0 Reports**

### **3.1 DSCC report**

No report provided.

### **3.2 Report on the U-1 Committee**

The U-1 Committee will not meet until tomorrow.

## **4.0 Old Business**

### **4.1 Status of Task Group drafting SMT film capacitor specification.**

Terry Charles (Panasonic) is still awaiting copies of Leaded Film component specifications. The Task Group consisting of Panasonic, AVX, and CDE will then meet to review and draft a SMT specification.

ECA to provide copies of leaded film capacitor specifications to Task Group for review.

### **4.2 Status of PN-4283 (EIA 797), Aluminum Electrolytic Capacitor Application Guideline**

Issued

### **4.3 Status of PN 4985, Aluminum Electrolytic Capacitor Chip Capacitor with Polymer Cathode**

Panasonic, Kemet and CDE had a meeting on 10/9/2002 to resolve comments and concerns. It was agreed that ratings table will be removed and placed in a separate slash sheet from the primary specification. The revised specification will be out for ballot before the next meeting.

#### **4.5 Report of Task Group drafting Polymer Aluminum Qualification Specification(PN 4984).**

This project has been on hold pending completion of PN 4985. Draft is on ECA web-site for comments. The Task Group (IBM, CDE, Intel, Kemet, Panasonic) will review and submit final version for committee approval at next meeting.

#### **4.6 Status of Revision to EIA-463-A, Fixed Aluminum Capacitors for AC Motor Starting.**

EIA-463-B was issued.

#### **4.7 Five-year Review of Documents.**

This issue was not discussed.

#### **5.0 New Business**

##### **5.1 Review of P-2.2 time-slot and meeting length**

##### **5.2 Technology Roadmap**

The committee discuss the various capacitor types covered under the committee scope, along with technology and application trends. The committee Chairperson, Laird Macomber will summarized notes into a sub-committee technology roadmap by next meeting.

#### **6.0 Next Meeting**

The next meeting will be in San Antonio, TX on 10/7/2003.

#### **7.0 Adjournment**

The Committee unanimously agreed to adjourn at 6:00pm.

This session was conducted in accordance with the EIA Legal Guidelines and the Manual of Organization and Procedures.

Laird Macomber, Chairperson  
Signature on file

Michael Mosier, Acting Secretary  
Signature on file