



**Minutes of P-2.2 Subcommittee Meeting
Paper, Film, Mica & Wet-Electrolytic Capacitors**

Tuesday, April 1, 2008

The Brown Hotel, 335 West Broadway, Louisville, KY 40202, (501) 583-1234

Scope of P-2.2 Subcommittee: Paper, film, mica and wet-electrolytic capacitors for all AC and DC applications, except inductive heating and utility power-factor correction.

1.0 Call to Order - Circulate Membership Roster

Meeting called to order at 5:10 p.m. by Chairman Laird L Macomber.

2.0 Committee Organization and Procedures

2.1 Membership Introductions were conducted and Roster circulated.

A quorum was present. The attendees were as follows:

<u>NAME</u>	<u>COMPANY</u>
Chris Reynolds	AVX Corp.
Laird L Macomber	Cornell Dubilier
Ralph Justus	ECA
Michael Lauri	IBM Corp.
Jayson Young	KEMET Corp.
Mary Carter Berrios	KEMET Corp.
Carl Lindquist	SOC America Inc.

<u>Member Organizations Present</u>	<u>Present at this Meeting (Spring 2008)</u>	<u>Present at this Meeting (Fall 2007)</u>	<u>Present at this Meeting (Spring 2007)</u>
AVX Corp.	Y	N	N
Cornell Dubilier	Y	Y	Y
IBM Corp.	Y	Y	Y
KEMET Corp.	Y	Y	Y
SOC America Inc.	Y	Y	Y

<u>Member Organizations Absent</u>	<u>Present at this Meeting (Spring 2008)</u>	<u>Present at this Meeting (Fall 2007)</u>	<u>Present at this Meeting (Spring 2007)</u>
KOA Speer	N	N	Y
Yageo	N	N	Y

<u>Other Organizations Present</u>
ECA

2.2 Approval of Agenda—Approved.

2.3 Approval of September 25, 2007, P-2.2 Subcommittee Meeting Minutes—Approved.

2.4 Correspondence—None received.

2.5 Review of Committees Scope—Paper, film, mica and wet-electrolytic capacitors for all AC and DC applications, except inductive heating and utility power-factor correction. No changes were needed or made to the scope.

3.0 Reports—No reports received.

3.1 DSCC report—Subcommittee agreed to remove DSCC as a meeting report because DSCC no longer reports to this meeting.

4.0 Old business

4.1 Status of SMT film cap specification—No status to date. Chairman's action is to get specification from Terry Charles of Panasonic so committee can move it forward. Task group remains as Chris Reynolds and Laird L Macomber.

4.2 Five year review of documents—Ralph Justus, ECA to research why these old documents have not been archived and will report to chairman as to what direction to take on them.

4.3 Verify PN4283 is being published as EIA797. ECA to determine status and report to chairman. ECA database says it was never published.

4.4 Find out results of ballot of PN 4984 Aluminum electrolytic capacitor qualification specification. This is EIA-955. Ralph Justus, ECA is to determine status and report the results to chairman.

5.0 New Business

5.1 New wet tantalum electrolytic capacitor specification—Chairman proposed that the subcommittee write a new wet tantalum electrolytic specification. The working group is to be Cornell Dubilier, Vishay, KEMET and possibly AVX all producers that make them for the industry. Laird will chair this working group and send a prospective letter to potential users of these devices to see if they would like to participate. Jayson of KEMET will survey Arcotronics in Europe for any IEC specifications which already exist as a starting point.

5.2 New standard for medium power film capacitors—Chairman Laird proposed a new standard on medium power film capacitors. Chris Reynolds, AVX is to come up with definition of this product type for next meeting.

5.3 Review of P2.2 time slot and meeting length—The meeting will remain an hour long and starting at 5:00 p.m. on the second day of the ECA Engineering Summit.

6.0 Next Meeting—Salt Lake City, UT at the Red Lion Hotel on Oct. 7, 2008. The entire ECA Engineering Summit will span October 6–9, 2008.

7.0 Adjournment—meeting was adjourned at 5:55 p.m.

8.0 Action Items

8.1 Chairman Laird L Macomber is to contact Terry Charles at Panasonic to obtain a copy of the draft SMT film capacitor specification.

8.2 Ralph Justus, ECA is to provide archiving status of P-2.2 documents and report to chairman.

8.3 Ralph Justus, ECA is to determine why PN4283 is not published and report to the chairman.

8.4 Ralph Justus, ECA is to determine why PN4984 not published and report to the chairman

8.5 Chairman Laird L Macomber is to contact users of wet tantalum capacitors to see if they have interest in participating in the standard development.

8.6 Jayson Young of Kemet is to obtain copies of any existing IEC specs for wet tantalum capacitors as a starting place for a new EIA wet tantalum capacitor spec

8.7 Chris Reynolds of AVX is to define the scope for medium voltage power film capacitors to be in the new proposed EIA specification.



Laird L Macomber
Chairman

Michael Lauri
Acting Secretary