



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

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Fall 2010 meeting, Wednesday, Sept 29, 2010,  
Sheraton Austin Hotel at the Capitol

**1.0 Call to Order - Circulate Membership Roster**

Meeting called to order at 8:14 a.m. by Chairman Laird Macomber

**2.0 Committee Organization and Procedures**

2.1 Membership Intros were conducted and Roster circulated.

The attendance was as follows:

<b>NAME</b>	<b>COMPANY</b>
Laird Macomber	Cornell Dubilier
Ed Mikoski	ECA
Michael Lauri	IBM
Lanney McHargue	Murata
Bill Balliette	Faradox Energy Storage

A quorum was not present.

<b>Member Organizations Present</b>	<b>Present at Fall 2010 Meeting</b>	<b>Present at Spring 2010 Meeting</b>	<b>Present at Fall 2009 Meeting</b>
AVX	N	Y	N
Cornell Dubilier	Y	Y	Y
IBM	Y	Y	Y
KEMET	N	Y	Y
Murata	Y	N	N
Vishay	N	N	Y

<b>Member Organizations Absent</b>	<b>Other Organizations Present</b>
AVX	ECA
KEMET	Faradox Energy Storage
Vishay	

**3.0 Reports: No reports received.**

**4.0 Old business**

4.1 Status of SMT film cap specification PN5182: nothing new was done since last meeting.

4.2 Status of a new standard on medium power film capacitors PN5206: No work was done on this document since the past meeting

#### 4.3 Five year review of documents:

P-2.2	EIA-376	Fix Film Dielec Cap Metal/N-metal DC	1990
P-2.2	EIA-376-1	Addendum 1 Parts List Supplement to 376	1990
P-2.2	EIA-401	Paper, Film Dielectric Cap Power Semiconductor	1990
P-2.2	EIA-454	Fixed Paper and Film Paper, Etc.	1990
P-2.2	EIA-463-B	Fixed Al Electrolytic Capacitors for AC Heavy and Std Duty	2003
P-2.2	EIA-479-A	Film-Paper, Film Dielectric Capacitor for Microwave Ovens	1993
P-2.2	EIA-495-A	Reaffirm EIA-495-A, Film Dielectric Cap Metallized Paper Electrodes	1997
P-2.2	EIA-580A000	Sect Spec for Fixed Cap Metallized Polyethylene Terephthalate	
P-2.2	EIA-580A0AB	Detail Spec Fixed Polyethylene Terephthalate Film Dielectric Cap	
P-2.2	EIA-580A0AC	DT SP Fix Metallized Polyethylene Terephthalate Film Dielec Axial	
P-2.2	EIA-580AA00	Blk Det Spec for Fixed Metal Polyeth-tereph Chip Cap Encapsulated	
P-2.2	EIA-580B000	Sec Spec Fixed Metallized Electrode Film Dielectric AC Capacitors	
P-2.2	EIA-580BA00	Blk Det Spec-fixed Metallized Electrode Film Dielectric AC Capac	
P-2.4	EIA-395	Polarized Aluminum Electrolytic Capacitor	
P-2.4	EIA-395-1	Addendum 1 to EIA-395	
P-2.4	EIA/IS-749	Rectified Mains Applications Expected Wearout Lifetime Test	
P-2.4	EIA-797	Aluminum Electrolytic Capacitor Applications Guideline	
P-2.4	EIA-815	Qualification Spec Miniature Aluminum Electrolytic Capacitors	
P-2.4	EIA/ECA-955	Surface Mount Aluminum Electrolytic Chip Capacitor	
P-2.4	EIA/ECA-956	Aluminum Electrolytic Chip Capacitor W/Polymer Cathode	

#### 4.4 Discussion

The subcommittee did not have quorum; so it just reviewed old documents and decided planned actions for the next meeting.

- ECA to move the documents from discontinued subcommittee P-2.4 to current subcommittee P2.2.
- ECA to move polymer aluminum capacitor standards ECA955 and ECA956 from P-2.4 to P-2.5 subcommittee
- ECA to change title of ECA749/IS to remove IS (Interim Standard), and change title from “Rectified Mains...” to “DC link...”
- Agreed to reaffirm 580A0AC and 580A000, cancel 580B000, and withdraw 580BA00 at next summit.

Ed Mikoski agreed to put the proposed actions on the eWorkspace.

### 5.0 New Business

5.1 Capacitor outline drawings for PDP-100, nothing submitted

5.2 Solicit TDK-EPC as a new member of P-2.2: done, TDK now a member

**6.0 Next Meeting** – Spring 2011 meeting will be in late March or early April in Orlando Florida at a site to be selected by ECA.

**7.0 Adjournment** – meeting was adjourned at 09:45 a.m.

### 8.0 Action Items

Spring 2010 Meeting of P-2.2 Subcommittee, Wednesday, April 28, 2010

1. ECA to move documents from P-2.4 to P-2.2 for correct subcommittee assignment.
2. ECA to move polymer aluminum capacitor standards ECA955 and ECA956 from P-2.4 to P-2.5 committee
3. Ed Mikoski agreed to put the proposed changes for ECA749/IS, 580A0AC, 580A000, 580B000, and 580BA00 on the eWorkspace.



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Laird L Macomber  
Chairman

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Michael Lauri  
Acting Secretary