



Minutes of P-4 Committee on Mechanical Outlines of Passive Components

Wednesday, 26 April, 2006 Sheraton Yankee Trader Beach Hotel Ft. Lauderdale, FL

Scope of the P-4 Committee on Mechanical Outlines of Passive Components –
Provide standardization, administration, and circulation of mechanical outline drawings of electronic parts formatted per PDP-100 provided by industry participants.

- 1.0 Call to order
- 1.1 Chair Carl Lindquist called meeting to order 10:00 AM
- 2.0 Introductions and Attendance
- 2.1 Membership and Attendance

NAME	COMPANY
Teresita (Teri) Arguelles	Jabil Circuits, Inc.
Ted Coler	Vishay
Bill Gisseler	TDK
Michael Griffith	KOA Speer Electronics
Mike Lauri	IBM
Mihee Lee	Samsung Electro-Mechanics
Carl Lindquist	SAN-O Industrial Corp.
Laird Macomber	Cornell Dubilier Electronics
Jack McCullen	Intel Corp.
Len Metzger	Panasonic
Ed Mikoski	EIA/ECA
David Nemeth	Jabil Circuits, Inc.
Stephen Olster	Mini-Systems, Inc.
Gabriela Szopa	Jabil Circuits, Inc.

2.2 The membership list was reviewed and adjusted to read as reflected in the following table:

Member Organizations Present	<u>Present at this meeting</u>	<u>Present at previous meeting?</u>	<u>Present at meeting prior to previous?</u>
Cooper Bussman	N	N	Y
Cornell Dubilier	Y	Y	Y
IBM Corporation	Y	Y	Y
Intel Corp.	Y	Y	Y
Jabil Circuits	Y	N	N
Kemet	N	Y	Y
KOA Speer Electronics	Y	Y	Y
Mini-Systems, Inc.	Y	N	Y
Panasonic	Y	Y	Y
Samsung Electro-Mechanics	Y	N	N
SAN-O Industrial Corp.	Y	Y	Y
TDK	Y	Y	Y
Vishay	Y	Y	Y

Other Organizations Present
EIA/ECA

3.0 Attendance sheet circulated

4.0 Agenda reviewed and accepted without change

5.0 Previous Meeting Minutes approved with change in 6.4 - IPD definition moving parenthetical to follow "different passive components". This will also be changed in Definitions section of "Guideline For Preparation And Submission of Mechanical Outlines For Passive Electronic Components To EIA/ECA PDP-100".

6.0 General Discussion

6.1 Role of ECA in Mechanical Outline Database Maintenance

6.1.1 Database Development and Upgrades

Carl Lindquist asked Ed Mikoski to bring the group up to date on the status of the database. The numbering of Mechanical Outlines will be reviewed further during this meeting as we attempt to approve new Outlines. We presently have 31 Approved Fuse Mechanical Outlines and will be reviewing four new Mechanical Outlines prepared by Mike Griffith – 2 Resistors, 1 Inductor and 1 IPD. Ed would like to get more Mechanical Outlines approved prior to opening the password protected database site.

6.1.2 Database Content Maintenance

The latest Mechanical Outline files, including approved and pending files, were provided to the Secretary for oversight control. Copies of all original and PDF files will be maintained by the P-4 Secretary and the ECA.

6.1.3 New Password protected Web Site for “In-Process” Mechanical Outlines – (Ed Mikoski)

Ed Mikoski provided a brief overview of a new Web Site for “In Process Mechanical Outlines”. New Mechanical Outlines for review and comment will be posted on this site one at a time for review by all members of the P-4 Committee. This was carried out since the last meeting with four Outlines provided by Mike Griffith, KOA Speer. Each member was requested to sign onto the new site so that they will receive automatic notification of new postings. Three – including Ed Mikoski – had been signed up prior to this meeting. Several additional signed up during this meeting. It was emphasized that it will be imperative that all members sign up to participate with future evaluations.

6.2 Review of “Guideline for Preparation and Submission of Mechanical Outlines for Passive Electronic Components to EIA/ECA-PDP-100, Draft 5”. This is a final document.

6.2.1 The entire document was reviewed with the members and there was only one change to be made. This change is a slight rewording for the IPD Definition.

6.2.2 A motion to accept this document was made and passed unopposed. The one change that was agreed upon will be made by the Chair and the document will be forwarded to Ed Mikoski for posting on the P-4 Site.

7.0 Mechanical Outlines

7.1 Proposed New Outlines for Approval

7.1.1 Acceptable Drawing Layouts

7.1.1.1 Acceptable File Formats were discussed briefly. We will continue to accept AutoCAD, DesignCAD, Excel and Visio files as working files. All final Outlines for posting will be in PDF format.

7.1.1.2 We may reduce the number of file formats acceptable, as we learn more about limitations associated with each.

7.2 Approval of new outlines

7.2.1 New Outlines –

7.2.1.1 P-1 Resistors – Mike Griffith

RRBC02 050205 – Approved

SRPC02 200607 – Approved

7.2.1.2 P-3 Inductors – Mike Griffith for William Gisseler

SMGM08 483816 – Approved

7.2.1.3 P-10 IPD's – Mike Griffith

SLCM02 060302 – Tabled

7.2.2 Tabled Mechanical Outlines will be reviewed, corrected as needed and resubmitted.

7.3 Assignments Associated with Various Passive Components

7.3.1 Committees

7.3.1.1 Fuses – No new outlines submitted

7.3.1.2 Capacitors – No outlines submitted

7.3.1.3 Resistors – Outlines being reviewed and edited by Michael Griffith

7.3.1.4 Inductors – Outlines being reviewed and edited by William Gisseler and Mike Griffith

7.3.1.5 Integrated Passive Devices (IPD's) – Outlines being reviewed and edited by Michael Griffith

7.3.2 Representatives for each Committee – List of Names requested by Carl Lindquist for future participation. Unless other names are provided, we will use the names associated with Web Site Development and Maintenance.

8.0 Mechanical Outline Web Site Development and Maintenance

8.1 Drawing Numbering System

8.1.1 Fuses – Carl Lindquist

8.1.2 Resistors – Michael Griffith

8.1.3 Capacitors – Michael Cannon, Laird Macomber, Dave Richardson

8.1.4 Inductors – William Gisseler

8.1.5 Integrated Passive Devices (IPD's) – Michael Griffith

8.2 Database development schedule

8.2.1 The operational database will be held up pending receipt of more Accepted passive component Mechanical Outlines.

8.2.2 The initial database will be password protected with access made available to all members of P-4.

9.0 New Business

9.1 There was a question raised by Jabil Circuits about providing package and component orientation. This was discussed briefly and it was pointed out that packaging information should be provided by the component manufacturer. It was not recommended that we try to add this variable to the Mechanical Outlines by adding to the 12 digit EIA Mechanical Outline Number.

10.0 Old business – None

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11.0 Announcements – None

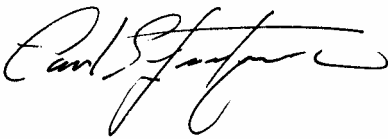
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12.0 Next Meeting – Silver Legacy Resort, Reno, NV – September 25-28, 2006

13.0 Adjournment at 11:30 AM

We thank all present for their participation.

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



Carl E. Lindquist
Chairman

Len Metzger
Secretary