

ECA Conference: P-3 Inductive Components Committee

Date: 19 October, 2005

Location: Doubletree Inn, Memphis, TN

Time: 8:00AM U.S. Central Standard Time

1.0 Committee Organization and Procedures

Meeting was brought to order by Chairman Bill Gisseler @ 8:06 AM

1.1 Membership & attendance – Sign-in sheet was circulated, attendees were as follows;

Mike Lauri, IBM
Terry Charles, Panasonic
Len Metzger, Panasonic
Carl Lindquist, San-O-Industrial
Ed Mikowski, EIA/ECA
Bill Gisseler, TDK
Phil Diglio, Epcos, Inc.
Michael Griffith, KOA Speer Electronics
Kory Schroeder, Stackpole Elect.

1.2 Next the Agenda for this meeting was reviewed and accepted as presented.

1.3 Next the minutes from the Spring 2005 meeting was reviewed and a motion was made to ammend to include Michael Griffith of KOA in attendance. A motion was made and seconded to approve the ammended minutes. A vote of the members was then taken and the motion carried to accept the ammended minutes.

1.4 Correspondence received from ECA for a Pin number PN5104 (EIA958) for SMD Common mode Choke

2.0 Old Business:

2.1 Review Test Procedures and recommended electrical parameters, per the Spring '05 meeting - Data was submitted by IBM, TDK, Panasonic, EPCOS, KOA and IBM. It was agreed to use this data as the basis to see if there is some consistency. Once compiled the P-3 group would endeavor to review the inputs and determine if there is some commonality to use this as a revision to the EIA944 and EIA945 specifications. Chairman will send to the group the combined inputs for review prior to the next meeting, when it will be discussed further.

2.2 EIA/ECA- Survey of users- this will be if there is some recommendation by the group at the next meeting to point 2.1

2.3 Review package size and Pad layouts - Still waiting for adoption by the P-4 group - for review at the Spring session

2.4 Pin number received per new Correspondence above in 1.4

2.4.1 - Pin 5104 received on 6/02/05

2.4.2 - Final Document number assigned - EIA-958

2.4.3 - Motion was made and seconded for ballot of document for 30 day review of content (Draft Specification).

2.5 Explore development of Marketing report for all Inductors by type (Similar to capacitors)

2.5.1 - Cost would be ~ \$ 2,500

2.5.2 - Need participation by as many manufacturers as possible. Companies in attendance were favorable and we would solicit other manufacturers not in attendance to participate. Sumida, Coilcraft, Toko, Pulse, Coiltronics, JW Miller, Strwart, Taiyo-Yuden, Murata, AEM, Vogt, Bourns, Delta, Vishay, Token.

2.5.3 - Motion was made and seconded to move forward on reporting and to submit a letter to EIA to set up the reporting process for Inductors.

Note: At approximately this point in the meeting there was a mandatory evacuation of the building for an emergency alarm (15minutes)

3.0 New business and opportunities:

3.1 Discuss putting together a standard for Power Inductors group referred this back to user's group (Mike Lauri of IBM for some inputs on what users would want to see in a spec., all points below 3.1.1 through 3.1.8 are tabled - user's side)

3.1.1 - Components to consider:

3.1.2 - Mechanical sizes, pad layouts?

3.1.3 - Shielded vs. Non-Standard

3.1.4 - Inductance ranges and tolerances

3.1.5 - Current ranges, saturation

3.1.6 - Rdc

3.1.7 - Impedance

3.1.8 - Temperature ranges

3.2 Other New Business or activities

3.2.1 - Nominations for a new P-3 Chairman motion made to have Bill Gisseler continue - seconded and carried.

3.2.2 - Additional New Topics try to recruit users to attend. Locations for meetings may be a key to consider.

4.0 Next Meeting – April 24th - 29th - Ft Lauderdale, Florida.

5.0 Motion made, seconded and carried to adjourn – 10:04 AM

Authored by: Phil Diglio, Secretary ECA P-3

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