

P-3 Inductive Components Committee Meeting Agenda
Wednesday, May 18, 2005 (8:00am -10:00am)

Chateau Sonesta
800 Iberville Street
New Orleans, LA 70112
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1.0 Committee Organization and Procedures

- 1.1 Membership and attendance
- 1.2 Approval of the minutes from the October 6th, 2004 meeting in San Diego, CA
- 1.3 Approval of agenda for the current meeting
- 1.4 Correspondence

2.0 Old Business

- 2.1 Revisit proposal to change EIA944 Surface Mount Chip Bead Qualification to ANSI Standard (PN4315)
- 2.2 Revisit proposal to change EIA945 Surface Mount Inductor Qualification Specification to ANSI Standard (PN4233)
- 2.3 Review Test procedures & recommended electrical parameters, plus test equipment progress for smd inductors & ferrite beads sheet (email- handout). Data to be finalized at this meeting?
- 2.4 EIA/ECA Survey of Users/Suppliers of above items (2.3)
 - 2.4.1 Summary of standardization data
 - 2.4.2 Consensus and preparation of survey
- 2.5 Review package size & pad layouts (May 15th for P-4.) Sub-committee, or work session added?
- 2.6 Discuss surface mount multilayer (ceramic) inductors; characterization at RF frequencies
- 2.7 Discuss leadfree (Pb-free) activities for inductive devices and beads (New ideas or activities?)

3.0 New Business and Opportunities

- 3.1 Explore the possibility of developing a Marketing Report for all Inductors by types similar to that which already exists for capacitors with shipments to NAFTA etc.
- 3.2 Power inductor discussion for a new (smd) Standard
 - 3.2.1 Parts to consider
 - 3.2.2 Mechanical sizes
 - 3.2.3 Shielded vs. non-shielded
 - 3.2.4 Inductance ranges and tolerances
 - 3.2.5 Current ranges, saturation
 - 3.2.5.1 Delta L or I
 - 3.2.5.2 Temperature rise
 - 3.2.6 Rdc
 - 3.2.7 Impedance
 - 3.2.8 Temperature ranges
- 3.3 Other new business or activities
 - 3.3.1 Common mode chokes
 - 3.3.2 Preliminary SMD common mode choke spec
 - 3.3.2.1 Will be created by Michael Griffith at Koa
 - 3.3.2.2 Discussion of specification details

4.0 Next Meeting Location: (Announce Fall 2005 Meeting Dates)

5.0 Adjournment

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