

P-3 Inductive Components Committee Meeting Agenda
Wednesday October 19th, 2005 (8:00a -10:00a)

Doubletree Hotel Memphis Downtown
185 Union Avenue
Memphis, TN 38103
Phone: (901) 528-1800

1.0 Committee Organization and Procedures

- 1.1 Membership and attendance
- 1.2 Approval of the minutes from the May 18th, 2005 meeting in New Orleans, LA.
- 1.3 Approval of agenda for the current meeting
- 1.4 Correspondence

2.0 Old Business

- 2.1 Review Test procedures & recommended electrical parameters, plus test equipment progress for smd inductors & ferrite beads sheet (email- handout). Follow-up?
- 2.2 EIA/ECA Survey of Users/Suppliers of above items (2.1)
 - 2.2.1 Summary of standardization data
 - 2.2.2 Consensus and preparation of survey
- 2.3 Review package size & pad layouts (May 15th for P-4.) Sub-committee/work session? Update?
- 2.4 Pin Number Requested for Surface Mount Common Mode Chokes (spec. by Michael Griffith-KOA)
 - 2.4.1 Pin Number PN-5104 received on 6/2/05
 - 2.4.2 Final Document number assigned: EIA-958 (Surface Mount Common Mode Choke)
 - 2.4.3 Motion for ballot of document for 30 day review of content (forward draft specification)
- 2.5 Explore development of a Marketing Report for all Inductors by type similar to capacitors
 - 2.5.1 Estimated cost using Varis to EIA/ECA is \$2500
 - 2.5.2 Include shipments to NAFTA etc.
 - 2.5.3 Follow-up: email was NOT sent to members requesting data pertaining to:
 - 2.5.3.1 Case-sizes
 - 2.5.3.2 Categories by type: signal, power, etc.
 - 2.5.3.3 Categories by technology: wire wound, film, multi-layer, laser etch, etc.

3.0 New Business and Opportunities

- 3.1 Power inductor discussion for a new (smd) Standard
 - 3.1.1 Components to consider
 - 3.1.2 Mechanical sizes, pad layouts?
 - 3.1.3 Shielded vs. non-shielded construction
 - 3.1.4 Inductance ranges and tolerances
 - 3.1.5 Current ranges, saturation
 - 3.1.5.1 Delta L or I, etc.
 - 3.1.5.2 Temperature rise
 - 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
 - 3.2.2 Additional New Topics

4.0 Next Meeting Location: (Announce Spring 2006 Florida Meeting Dates)

5.0 Adjournment

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