



inEMI[®]

International Electronics Manufacturing Initiative

Medical TIG Forum

Hosted by the U.S.
Food and Drug
Administration
(FDA)

November 14, 2008

Advancing manufacturing technology

Agenda

9:30 am - 9:45 am

FDA Introduction; William Regnault, FDA

9:45 am - 10:00 am

Agenda:

iNEMI Organization Structure & Background;

Chuck Richardson, Director of Roadmapping, iNEMI

10:00 am - 10:40 am

iNEMI Medical TIG Review Purpose of TIG & Medical Project Goals; Tony Primavera, Boston Scientific

High-Reliability Substrates; Thomas Jacob, Dyconex

10:40 am - 11:00 am

FDA's Perspective on Need for Test Standards and Collaboration; Victoria Wagman, FDA

11:00 am - 11:15 am

Break



Agenda

11:15 am - 12:15 pm

**Medical Component Reliability Project Review,
Tony Primavera, Boston Scientific**

- Overview of Medical Industry Process
- Project - Validation of Process
- Use Conditions Development
- Development of FMEA
- Review of Applicable Standards & Gaps

• **12:15 pm - 1:00 pm**

Lunch

Agenda

- 1:00 pm - 2:00 pm

Medical Component Reliability Project Results to Date:

- Review of Capacitor Testing Trends
- MSEI

- Presentation on Medical Component Phase I Results;
Grady White, NIST-Boulder

- Presentation on Medical Component Phase II Assembly, Testing, and DOE;
Tony Primavera, Boston Scientific Boston

Agenda

- **2:15 pm - 2:40 pm** **Flexible Termination Multilayer Ceramic Capacitors (MLCCs);**
Michael H. Azarian, (CALCE) University of Maryland
- **2:40 pm - 3:30 pm**
Panel Discussion:
Cross Cutting Group Discussion on MLCC Reliability and Project Questions
Panel Members:
Boston Scientific, Tony Primavera,
CALCE, Michael H. Azarian
Micro Systems Engineering, Inc., Ravi Subrahmanyam
MED-EL, Peter Lampacher
NIST, Grady White
- **Closing Remarks and Invitation to Participate, Chuck Richardson and David Godlewski, iNEMI**



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