

iNEMI Medical Grade Component Specifications Face-to-Face Meeting - Notes

Crowne Plaza Hotel • Lake Oswego, OR
13-14 November, 2006

Attendees:

Kenny Yi – AVX
Matt Stonehouse, Tony Primavera – Boston Scientific
Thomas Jacob – Dyconex
Jim McElroy, David Godlewski – iNEMI
Peter Lampacher, Martin Kerber – Med-El
CK Barlingay – Microchip
Scott Zellmer, Jerry Peasley, Alan Roberts – MSEI
Liz Drexler, Dennis Leber (by phone) – NIST
Roger Roberts – Vishay

Attachments:

1. iNEMI Presentation (Jim McElroy)
2. Medical TIG Presentation (Tony Primavera)
3. Lifetime Prediction Sub-Team Presentation (Liz Drexler)
4. Lot Homogeneity Sub-Team Presentation (Dennis Leber/Scott Zellmer)
5. Medical Substrates Presentation (David Godlewski)
6. Vishay iNEMI Presentation (Roger Roberts)
7. MLCC FMEA (Team)
8. MLCC Guideline Summary (Team)
9. Discrete Capacitor & Resistor Issues (Anthony Primavera)

Action Items:

1. Complete process section of the Use Conditions Table. (Team telecon)
2. MLCC Suppliers review Use Condition Table for level of detail. (Suppliers)
3. Send MLCC failure modes with a pareto by percent of defects to Liz D./NIST to be “sanitized” for distribution. (OEMs)
4. Summarize FDA failure data for MLCCs. (Mitch S./FDA)
5. Investigate NDAs between NIST and Suppliers. (David G/iNEMI & Liz D./NIST)
6. Send process control plan example and method to Liz D./NIST to be “sanitized” for distribution. (Suppliers)
7. Specify the minimum performance requirements. (Jerry P./MSEI)
8. For the future, analyze process control plans for gaps. Necessary and sufficient.
9. Plan next face-to-face meeting (Boston Scientific host.)
10. Translate standard reliability test conditions to the FIT rate under the use conditions (37C, etc.) (Lifetime Prediction Sub-Team)
11. Review progress to high level timeline. (iNEMI, Ravi S./MSEI, Tony P./Boston)