January 2013

All the news you need to know!

Take a Tour of DfR’s New Facilities
As previously noted, DfR moved into new facilities in Beltsville, MD. Please take a photo tour through our facilities to see how we have grown and expanded. For more information please contact Tom Johnston.

PCB or not PCB – That is the Question?
Choosing the right printed circuit board fabricator to fit your company’s specific requirements can be challenging. DfR is acutely aware of this issue and has written a white paper “Auditing a Printed Circuit Board Fabrication Facility” that provides insight into how to evaluate PCB suppliers with respect to their skills, certifications, process controls, and overall quality and reliability program. Please contact Cheryl Tulhoff if you would like to have DfR perform an audit for your company.

Cloaking Device!!
Does it sound like we’re on Star Trek? Well we’re not. In this article, “Invisibility Cloak Hides larger Object without use of Metamaterials” a new way of actually cloaking objects is discussed. DfR stays on top of innovations all the time to see if reliability is impacted. For more information please contact Nathan Blattau.

IMAPS PRESENTATION
Caswell made two presentations at the recent IMAPS Symposium held in San Diego, CA
“Predicting the Reliability of Zero Level TSV’s” and “Obsolescence Management and the Reliability.”

Nostradamitech
In this article from a few years ago, you can see where the mystics predicted DfR’s Sherlock software as the way to go for the future regarding reliability analyses and predictions. Now this has come true. Click link to read article Nostradamitech.
More articles of interest:

**Keeping it Tight: Understanding Hermeticity**, Global SMT and Packaging, December 2012

**Controlled Environments/Clean Source Articles on Solar Power**
Cheryl Tulkoff was interviewed for Controlled Environments and her insights were included in two articles, one published in *Controlled Environments* and the other in the *BFK Solutions* newsletter, Clean Source. Both articles have now been published and are posted on the web.

**Forget the Fiscal Cliff – RoHS 2 is here!!**
The new legislation will be in place on January 2, 2013. This article presents some insight into the changes. DfR maintains a close eye on these changes and how they can impact your product's reliability. For more information please contact **Craig Hillman**.