

# Rel-ion™

Reliable, Scalable, Proven

No ZERO km Failures

Today over 10 million EVs are on the road with Rel-ion™ electrical, mechanical, and thermal solutions by Indium Corporation



## ELECTRICAL

### Electrical Continuity

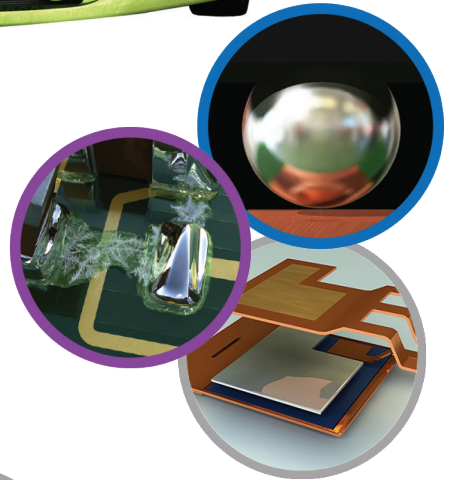
- Eliminating non-wet opens and head-in-pillow defects

### Dendrites/Corrosion

- Meets stricter SIR requirements with rework solutions to pass SIR testings unheated

### Leakage Current

- Low alpha particle solution for >650 volt GaN dies



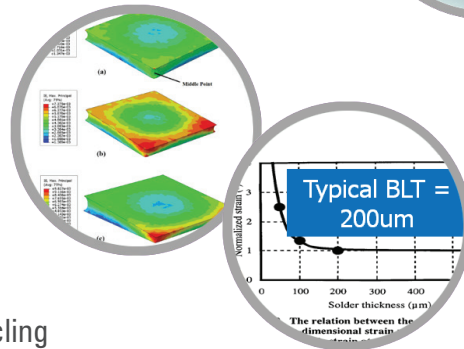
## MECHANICAL

### Solder Delamination

- Precision BONDLINE control
- Increased creep resistance
- Increased fatigue resistance

### Longer Mission Profiles

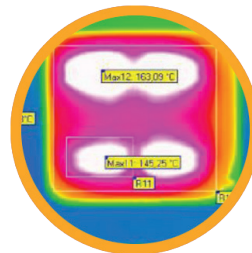
- Increased operating temperatures, thermal, and power cycling



## THERMAL

### Hot Spots

- Voiding reduced, increased CPU/GPU thermal requirements, and materials for power modules/IGBT/DSC modules



Contact our engineers: [askus@indium.com](mailto:askus@indium.com)

Learn more: [www.indium.com/relion](http://www.indium.com/relion)

From One Engineer To Another™

All of Indium Corporation's solder paste and preform manufacturing facilities are IATF 16949:2016 certified. Indium Corporation is an ISO 9001:2015 registered company.

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Rel-ion™  
Technical Webinars



EV Insider

