

Adhesives Applied inside the device

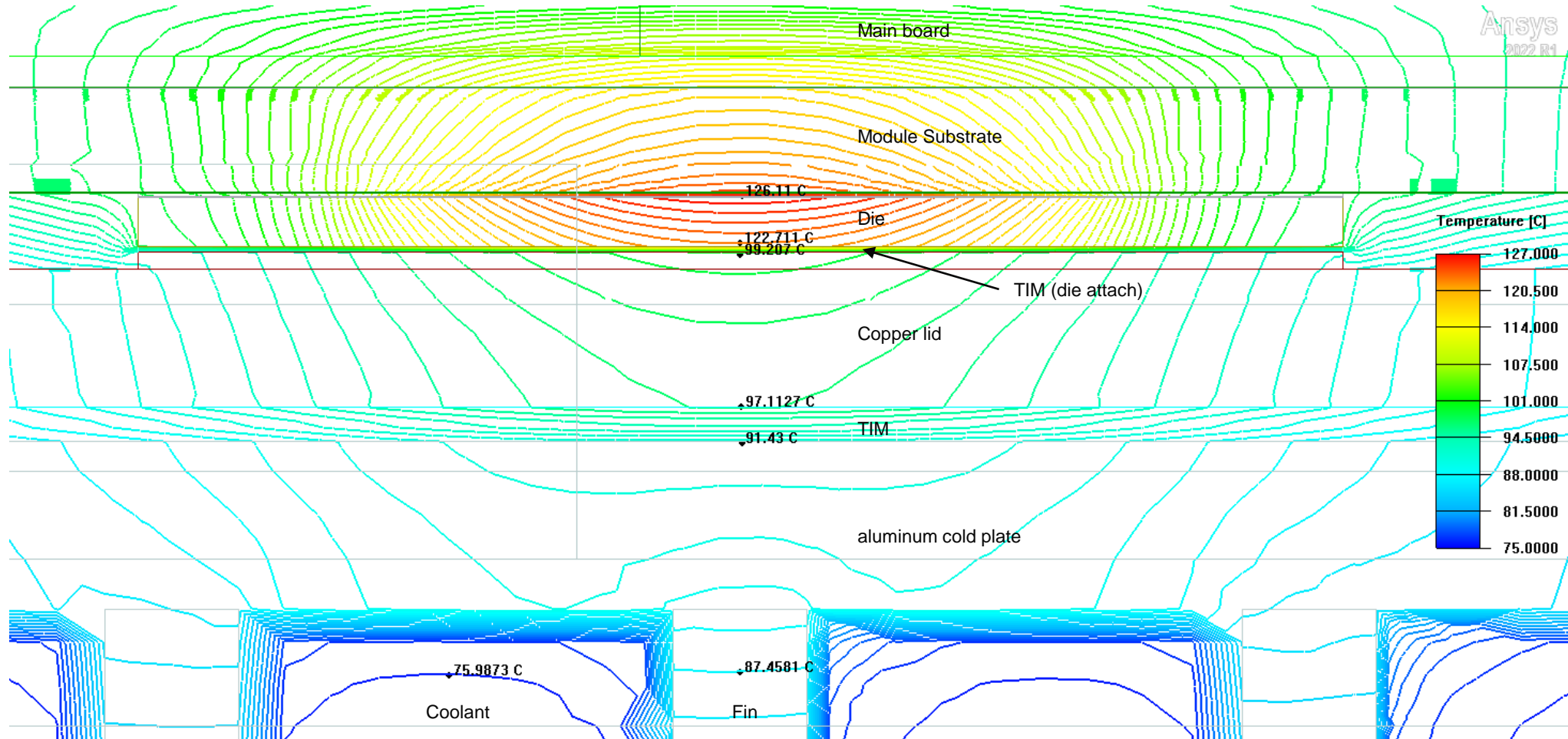


In some automotive applications it is necessary to glue parts together, e.g. heat sinks, covers, antennas, air guides or ...

In addition to shocks and vibrations, these parts are exposed to high operating temperatures, up to 130°C, as well as thermal cycles varying between -40 and +105°C surrounding temperatures.

Considering the different thermal expansion coefficients between the parts, are there appropriate adhesives available to secure lifetimes over 15 years?

Die attach layer is the largest thermal resistance



Are there better conducting die attach materials in pipeline?