

24 April 2008

To: TTM Customers

RE: Certification of Non-use of Deca-BDE in TTM Products

To Whom It May Concern:

This letter affirms that TTM does not use deca-brominated diphenyl ether (deca-BDE) in its manufacture of printed circuit boards (PCBs) to your specifications. This certification is based on information from TTM suppliers and applies to all ordered part numbers.

The type of brominated flame retardant in the base materials specified to TTM is typically a brominated epoxy wherein tetra-brominated bisphenol A (TBBPA) is reacted into the epoxy resin such that no measurable residual TBBPA exists. The resulting polymer is described as either epoxy resin or brominated bisphenol A epoxy resin with typical CAS # 26265-08-7. Alternative base material resins such as phenolics with different CAS numbers also do not contain deca-BDE. Brominated epoxy or other base material resin content is 40-60% by layer (sheet) depending on the weight of the fiberglass reinforcement.

Should you have any questions on this certification, please contact me at 860/684-8000 x 4702 or lee.wilmot@ttmtech.com.

Sincerely,



Lee R. Wilmot
Director,
Environmental, Health & SAFETY