

Title (en)

NON-ELECTRICALLY CONDUCTIVE THERMAL DISSIPATOR FOR ELECTRONIC COMPONENTS

Title (de)

ELEKTRISCH NICHTLEITENDER KEHLKERPER FÜRELEKTRONIKKOMPONENTEN

Title (fr)

MECANISME DE DISSIPATION DE LA CHALEUR NON ELECTROCONDUCTEUR POUR COMPOSANTS ELECTRONIQUES

Publication

EP 1029351 A1 20000823 (EN)

Application

EP 98950829 A 19980929

Priority

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- US 7089897 P 19971110

Abstract (en)

[origin: WO9925022A1] A thermal dissipator disposable in a heat transfer relationship with a heat-generating source, such as an electronic component, which is mounted on a substrate, such as a printed circuit board. The dissipator includes a thermal dissipation member having a top and bottom surface, and a pressure sensitive adhesive layer disposed on the thermal dissipation member to cover at least a portion of the bottom surface thereof. The dissipation member is formed of a thermally-conductive, electrically-nonconductive ceramic material. The pressure sensitive adhesive layer has an inner surface adhered to the bottom surface of the thermal dissipation member, and an outer surface bondable to a heat transfer surface of the source for attaching the dissipator to the source in a heat transfer relationship therewith.

IPC 1-7

H01L 23/367; **H01L 23/373**

IPC 8 full level

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CPC (source: EP)

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C-Set (source: EP)

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