

Title (en)

METHOD AND APPARATUS FOR A SURFACE-MOUNTABLE DEVICE FOR PROTECTION AGAINST ELECTROSTATIC DAMAGE TO ELECTRONIC COMPONENTS

Title (de)

VERFAHREN UND VORRICHTUNG FÜR EIN SMD-ELEMENT ZUM SCHÜTZEN DER ELEKTRISCHEN KOMPONENTEN GEGEN ESD

Title (fr)

PROCEDE ET APPAREIL DESTINE A UN DISPOSITIF MONTABLE EN SURFACE POUR LA PROTECTION CONTRE LES DOMMAGES ELECTROSTATIQUES SUBIS PAR LES COMPOSANTS ELECTRONIQUES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO9641356A2] The thin film, circuit device is a subminiature overvoltage protection device in a surface mountable configuration for use in printed circuit board or thick film hybrid circuit technology. The surface mountable device (SMD) is designed to protect against electrostatic discharge (ESD) damage to electronic components. The circuit protection device comprises three material subassemblies. The first subassembly generally includes a substrate carrier, electrodes, and terminal pads for connecting the protection device (60) to a PC board. The second subassembly includes a voltage variable polymer material with non-linear characteristics, and the third subassembly includes a cover coat for protecting other elements of the circuit protection device.

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IPC 8 full level

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