

ABSTRACT OF THE DISCLOSURE

**CONDUCTIVE INSERT FOR PROVIDING ELECTROMAGNETIC
DISCHARGE AND RADIO FREQUENCY INTERFERENCE PROTECTION**

A conductive insert for protecting an externally mounted microelectronic device is disclosed. The conductive insert is designed to prevent ESD (Electrostatic Discharge) or RFI (Radio Frequency Interference) destruction or inoperability of the microelectronic device. The conductive insert includes a first exterior surface and a second interior surface. The second interior surface has a conductor material applied thereon for providing ESD or RFI protection to the externally mounted electronic device. To protect the externally mounted microelectronic device, the conductive insert mounts within a mounting plate for covering the externally mounted electronic device. Instead of having a conductive material applied to the interior surface, the conductive insert may be manufactured from a conductive material initially. Additionally, electrically conductive finger springs can be formed in the conductive insert to provide electrical connection between the mounting plate and the microelectronic device or conductive product case.

