

**ELECTRODEPOSITED PRECIOUS METAL FINISHES HAVING WEAR RESISTANT
PARTICLES THEREIN**

Abstract

5 An electrical connector comprises connector contacts having a metal base and a surface finish layer over the base, the surface finish layer being a composite of an electroplated precious metal composition and wear resistant particles dispersed therein. In the preferred embodiment, the precious metal layer is a PdCo alloy and the wear resistant particles are sub-micron sized lubricating particles, e.g. polytetrafluoroethylene particles and a flash coat of gold is provided over the composite layer.

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