



Engineered Cost Savings Success Story

\$800,000 Program Savings Conductive Shield Replaces Masked Plating Operation

Problem/Solution: PSS Engineering working through our customer's "Early Supplier Involvement Program" was able to develop a "**Conductive Shield**" as an alternative to an expensive masked plating operation. Traditionally, a conductive paint is used to spray a masked plastic housing for consumer electronics to shield electromagnetic field and radio frequency interference. This delicate process can result in a high incident of scrap due to "Over-spray" onto cosmetically sensitive surfaces. PSS replaced our customer's \$2.00 plating process with a \$0.27 Nickel-Silver metal stamping yielding an **annual cost savings of \$800,000**.

Benefit: Program savings provided to our customer equaled \$800,000.

