



## Engineered Cost Savings Success Story

### **\$1,950,000 Program Savings Aluminum Module Replaces Die Casting**

**Problem/Solution:** PSS Engineering proved through prototyping and development that an “**Electronic Module Housing**” could be successfully redesigned from a die casting to a drawn metal stamping. The result yielded a more stable metal forming process, elimination of secondary fasteners, a higher quality standard, maintaining tighter tolerances, and better transfer of heat in the extreme temperatures. Additionally, the progressive die replaced the need for the high maintenance costs associated with die cast tooling. When the results were tabulated, we provided an **annual cost savings equal to \$650,000 per year for the three-year program.**

**Benefit:** Program savings provided to our customer equaled \$1,950,000.

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