**DESIGN FOR MANUFACTURING**

**Injection Molded** **Part** **Design**

Understanding injection molding’s inherent manufacturing constraints is key to designing defect free molded parts. Our experience with molded part design, mold manufacturing and the injection molding process shape designs that improve part aesthetics, decrease mold costs and reduce tooling lead times.

**Design for Assembly**

Minimizing the complexity of the assembly and the time to assemble are essential elements in the design process. ProtoMed takes multiple factors into consideration during the design process including part count, assembler ergonomics, unique build orientation, and end-user handling to determine the most efficient and fail-safe methods for assembly.