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TECHNICAL DESIGN CRITERIA OPENINGS & CUTOUTS

There are few enclosure applications that are totally self-contained whereby there are no openings or cutouts in at least one exterior surface. As such, our process is not only capable of handling a wide array of such features, we can do so with a degree of accuracy and tolerance that is difficult to match by injection molding, thermoforming, or sheet metal fabrication.

Because our process does not involve the restrictive lateral movement of a molding press, we can incorporate very complex holes and patterns without incurring excessive costs. Through the advancement of our technology, we have developed equipment and methods that allows us to affordably machine both side of the plastic such that components not only fit securely, they will have a greater aesthetic appeal due to our ability to custom fit such items to the finished product.

Among the more standard cutouts we encounter are for such items as connectors, buttons, switches, magnetic card readers, LCD's, LED's, membrane switches, overlay panels, and virtually every type of component imaginable. Additionally, we have extensive experience with incorporating virtually any type of hardware needed for an electronic enclosure including hinges, latches, slides, knobs, handles, feet, bumpers, windows, doors, etc.

Finally, our process is capable of handling custom or unique cutout shapes including such features as recess pockets, special speaker hole patterns, designer vents, flush mounted windows, engraved logos, and raised text to name just a few. As always, we suggest to anyone looking for a special feature or function to let us know what it is you want to accomplish and we will do everything possible to see to it that your needs are met.

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