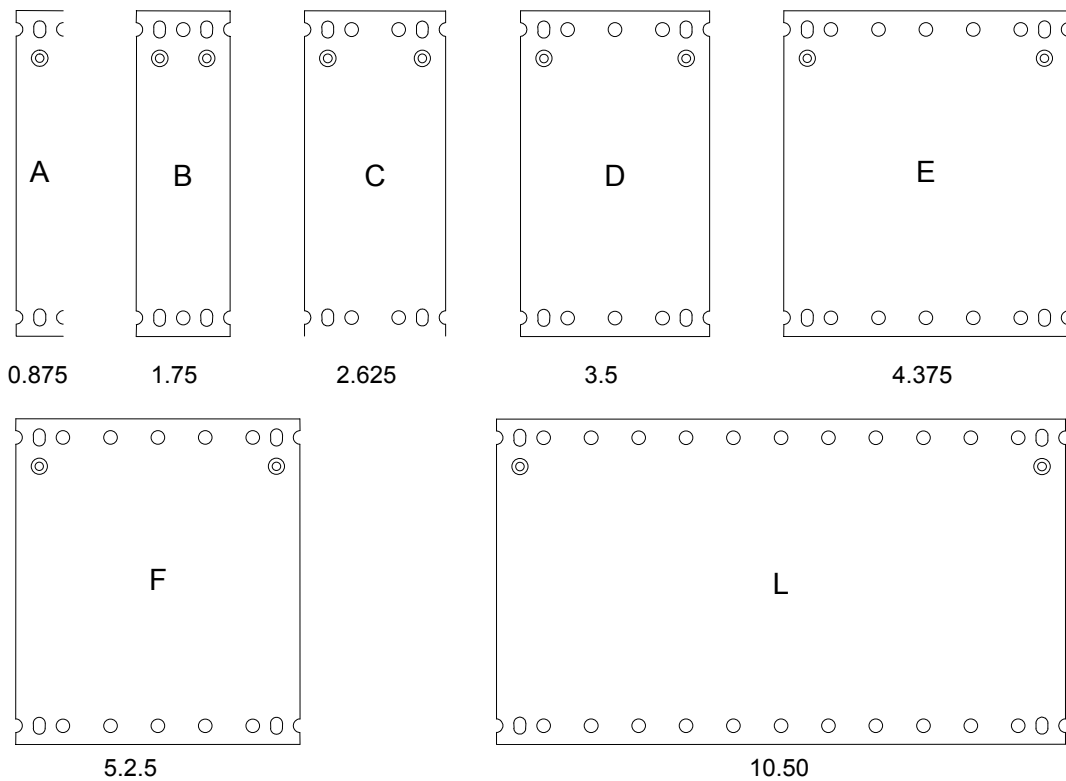


Creating Custom Panels

If your connector requirements cannot be filled by a combination of Signal Transport's machined panels, you can design your own custom units for us to fabricate from standard blank panels. Since we keep a large inventory of finished blanks, we can respond quickly to your custom needs.

The best way to specify custom panels is to use the MPS-CAD-LIB-10 prototype drawing, loading and using these files is explained in the "*CAD Library Install*" this drawing files contain all of our blank panels and connector blocks. Once you have one of these files loaded insert a blank panel block in your drawing, refer to the illustration below for available blank panel sizes, the block name is the panels letter designation and a 0. For example an "A" size panel block name is A0.



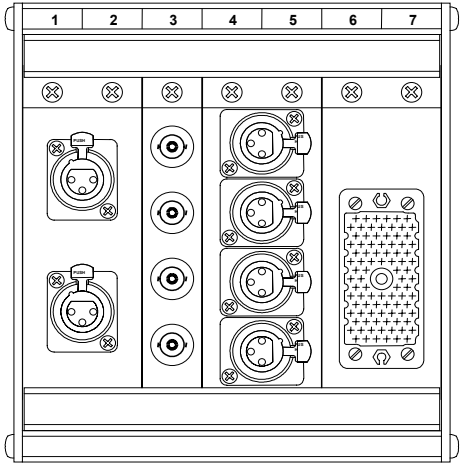
Next you insert connector block(s), refer to "*MPS-CAD-LIB-Documentation*" for a selection of Signal Transport's stocked connectors. If the particular connector you wish to use is not in this listing, then send us a drawing or manufacturer's cut sheet with dimensions and we will create the block and send it to you or you may prefer to draw it yourself.

Connectors are drawn with various elements placed on layers for the convenience of viewing. You may produce your own connector blocks and send it to use in your custom panel file. As all cutouts are machined, we can accommodate almost any size and shape the connector / control may require and panel size will allow.

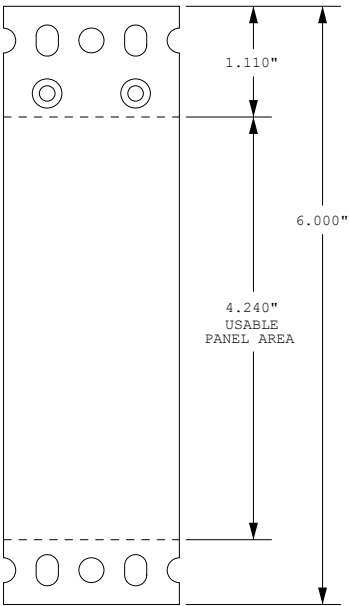
If you do not have AutoCAD, we can produce your custom designs for you for a nominal charge.

Usable Panel Area

When creating custom panels keep in mind the panel area restrictions. The finished assembly has label strips in front, mounting rails and tie bars behind the panels.



The following illustration shows the usable vertical panel height as 4.24", this dimension is the same for all panel sizes. The final step is to add any engraving – above, below or on either side that space will allow.



General

All connector panels shall be fabricated from 1/8" thick aluminum and shall be black anodized. Panels shall utilize a modular configuration, whereby individual panels holding small numbers of connectors are combined to make functional panels. All panels shall be 6" in height and in multiples of 7/8" in width.