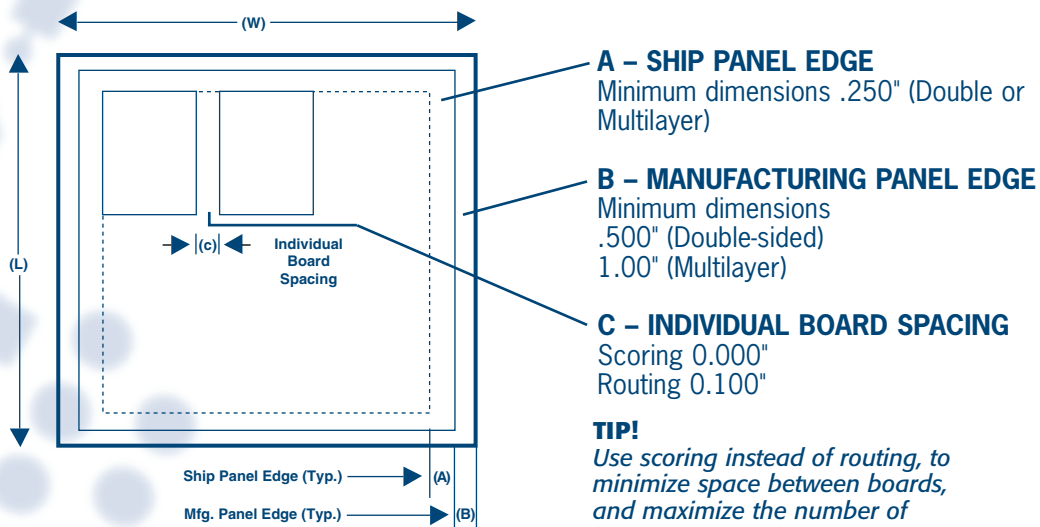


**STANDARD PANELIZATION GUIDELINES:**

In order to help you design cost effective boards by obtaining the optimum useage of raw material, we have outlined the following parameters:

Standard Manufacturing Panel Sizes:

WIDTH (W):	LENGTH (L):
12	16
12	18
14	24
16	18
16	21
18	24



**DESIGNING THE PANEL (PANELIZATION)**

Using an 18" x 24" Manufacturing Panel Size, you can use these calculations to layout your multi-up panel;

	Customer Panel Size	Number of Boards/Panels
<b>Double Sided</b>	7.25" x 8.25"	3 x 2 = 6 up
	5.5" x 8.25"	4 x 2 = 8 up
	5.5" x 5.5"	4 x 3 = 12 up
	7.25" x 5.5"	3 x 3 = 9 up
<b>Multilayer</b>	5" x 7.5"	4 x 2 = 8 up
	5" x 5"	4 x 3 = 12 up