

Aline Inc. Design Rules

Table 1: Standard Minimum dimensions

| Feature | Process Minimums ⁽¹⁾ | Recommended Minimum |
|--|---------------------------------|---------------------|
| Feature size (e.g. hole, channel) | 0.005" (0.13 mm) | 0.008" (0.20 mm) |
| Feature height (i.e. material thickness) | 0.001" (0.03 mm) | 0.001" (0.03 mm) |
| Edge to Edge Spacing between features | 0.04" (1.0 mm) | 0.08" (2.0 mm) |

Table 2: Standard Tolerances

| Feature | Process Minimums ⁽¹⁾ | Recommended Minimum |
|--|---------------------------------|---------------------|
| Feature size (e.g. hole, channel) | ± 0.002" (0.05 mm) | ± 0.005" (0.13 mm) |
| Feature height (i.e. material thickness) | ± 5-10% | ± 5-10% |
| Positional accuracy of internal features cut in same layer | ± 0.001" (0.03 mm) | ± 0.001" (0.03 mm) |
| Alignment tolerance (lamination) | ± 0.003" (0.08 mm) | ± 0.010" (0.25 mm) |

(1) Designs at process minimums will have to be reviewed and approved by engineer