

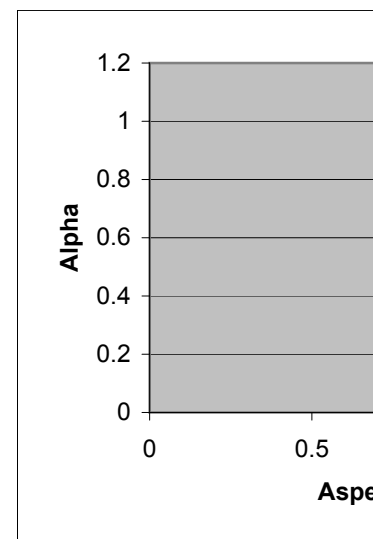
| | | | | |
|--------------------------------------|-------------|---|-------------|-------------|
| Nominal Area | 4.938309877 | | | |
| Layers | 7 | | | |
| Conductors Wide | 2 | | | |
| Nominal height | 0.543307087 | | | |
| Height envelope | 3.803149606 | | | |
| Nominal width | 0.665354331 | | | |
| Dimensions | 50% | chance of not exceeding the height envelope | | |
| Inside radius of curvature | 10 | 5 | 2.5 | 1.00E+09 |
| Mean radius of curvature | 10.33267717 | 5 | 2.5 | 1.00E+09 |
| Conductor height | 0.508 | 0.472 | 0.402 | 0.543 |
| Stacked height w/o keystoneing | 3.558693866 | 3.30154352 | 2.813485805 | 3.803149606 |
| Width/height | 1.308761161 | 1.410697841 | 1.655412765 | 1.224637681 |
| Alpha | 1.066762958 | 1.141727192 | 1.321690547 | 1.004898551 |
| Additional height due to keystoneing | 0.244454865 | 0.501605575 | 0.989663359 | 2.54284E-09 |
| Allowance for tolerances | 0 | 0 | 0 | 0 |
| Total height | 3.803148731 | 3.803149095 | 3.803149164 | 3.803149609 |
| Squared error | 7.66649E-13 | 2.60996E-13 | 1.95347E-13 | 6.46602E-18 |
| Relative J | 1.04 | 1.12 | 1.32 | 0.98 |
| Estimated B | 1.63 | 1.51 | 1.29 | 1.74 |

$dH/H = \text{Alpha} * (W/R)$

SSE 2.44071E-12

| |
|--------------------------------|
| |
| Turns high |
| Turns wide |
| Conductor width (in) |
| Conductor height (in) |
| Keystoneing allowance(in) |
| Keystoneing effect |
| Rel. current density |
| Estimated B _{max} (T) |

| | | | |
|--------------|------------------------|-------------|--------|
| Aspect Ratio | Alpha | S.D | |
| | 0.816666667 | 0.704856553 | 0.014 |
| | 1.224489796 | 1.004780814 | 0.014 |
| Fit | a | b | |
| | Linear, zero intercept | 0.8337 | 0 |
| | | 0.7354 | 0.1043 |



| 95% chance of not exceeding the height envelope | | | |
|---|-------------|-------------|-------------|
| 10 | 5 | 2.5 | 1.00E+09 |
| 10 | 5 | 2.5 | 1.00E+09 |
| 0.499 | 0.463 | 0.393 | 0.535 |
| 3.490111725 | 3.241451136 | 2.754205008 | 3.742222881 |
| 1.33447886 | 1.436850386 | 1.691043442 | 1.244575874 |
| 1.085675753 | 1.160959774 | 1.347893347 | 1.019561098 |
| 0.252111384 | 0.500771535 | 0.988017809 | 2.53861E-09 |
| 0.060926208 | 0.060926208 | 0.060926208 | 0.060926208 |
| 3.803149317 | 3.803148879 | 3.803149024 | 3.803149092 |
| 8.38589E-14 | 5.29614E-13 | 3.39337E-13 | 2.64898E-13 |
| 1.06 | 1.14 | 1.35 | 0.99 |
| 1.60 | 1.48 | 1.26 | 1.71 |

| One-in-hand | Three-in-hand | Four-in-hand |
|-------------|---------------|--------------|
| 7 | 8 | 9 |
| 2 | 3 | 4 |
| 0.665 | 0.445 | 0.319 |
| 0.402 | 0.395 | 0.363 |
| 0.141 | 0.066 | 0.035 |
| 35% | 17% | 10% |
| 1.32 | 1.17 | 1.19 |
| 1.29 | 1.45 | 1.43 |

