1002 strips x 628 strips; pitch = 0.40 mm

APV in the middle has 128 strips connected
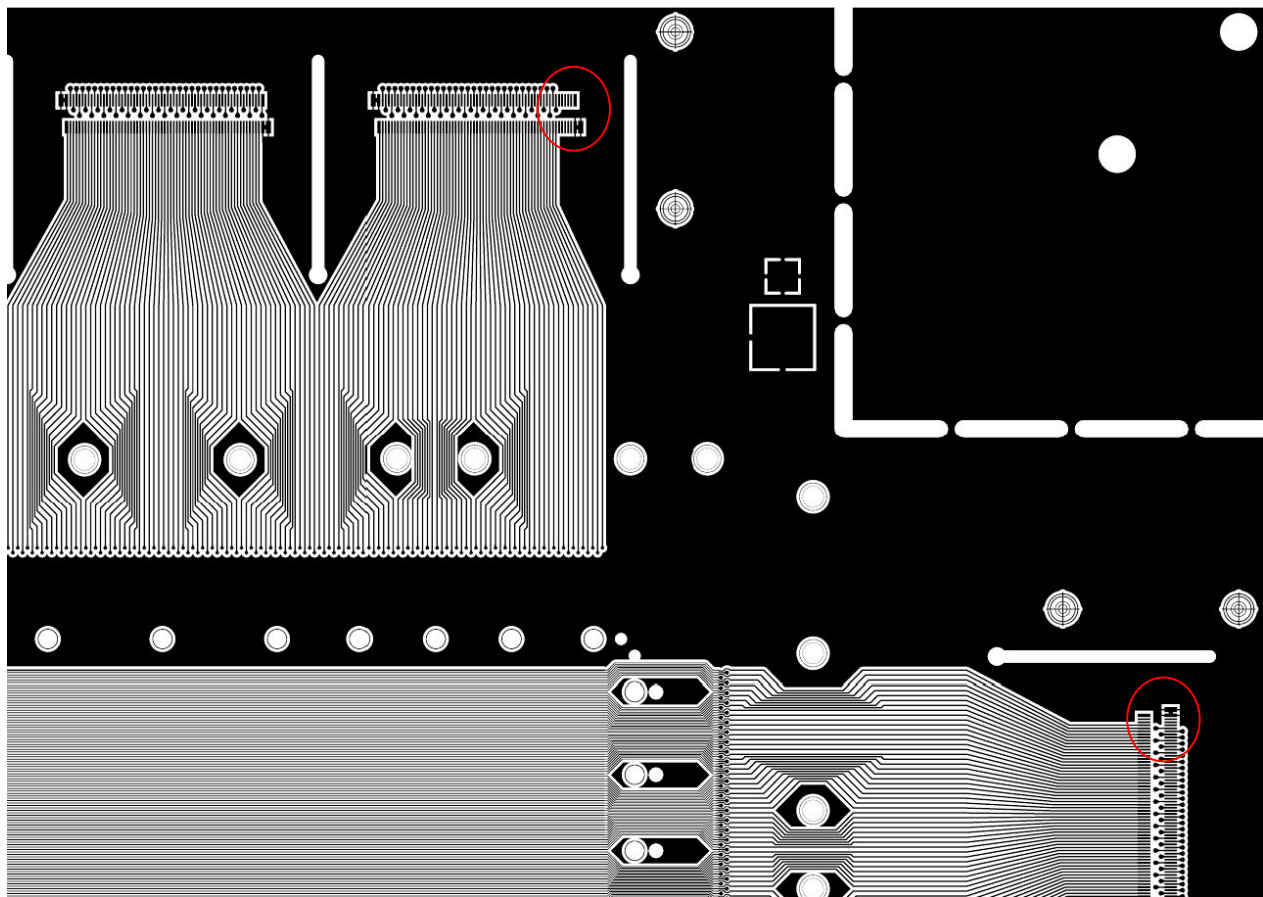
Corner APVs in the long side has 128 - 11 strips

Total strips in the long side = 128*8 - 2*11 = 1002

Corner APVs in the short side has 128 - 6 strips
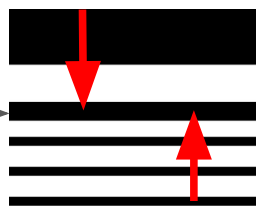
Total strips in the short side = 128*5 - 2*6 = 628
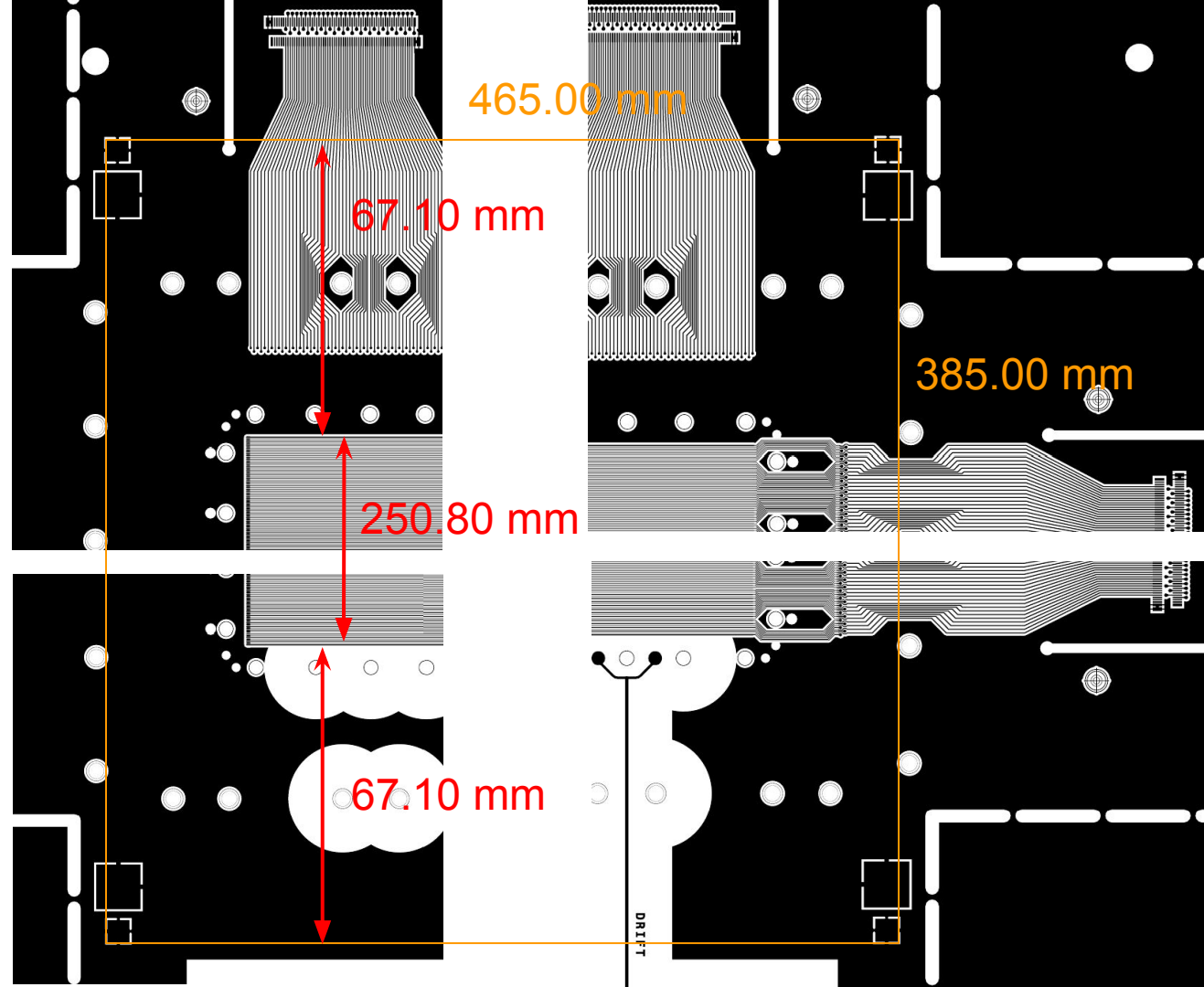
The pitch = 0.40 mm

long side

short side
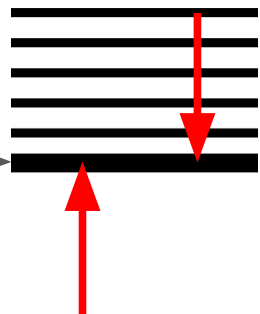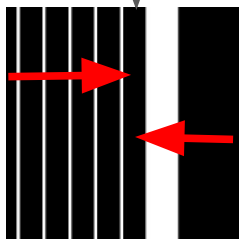

center of
the first strip

center of
the last strip
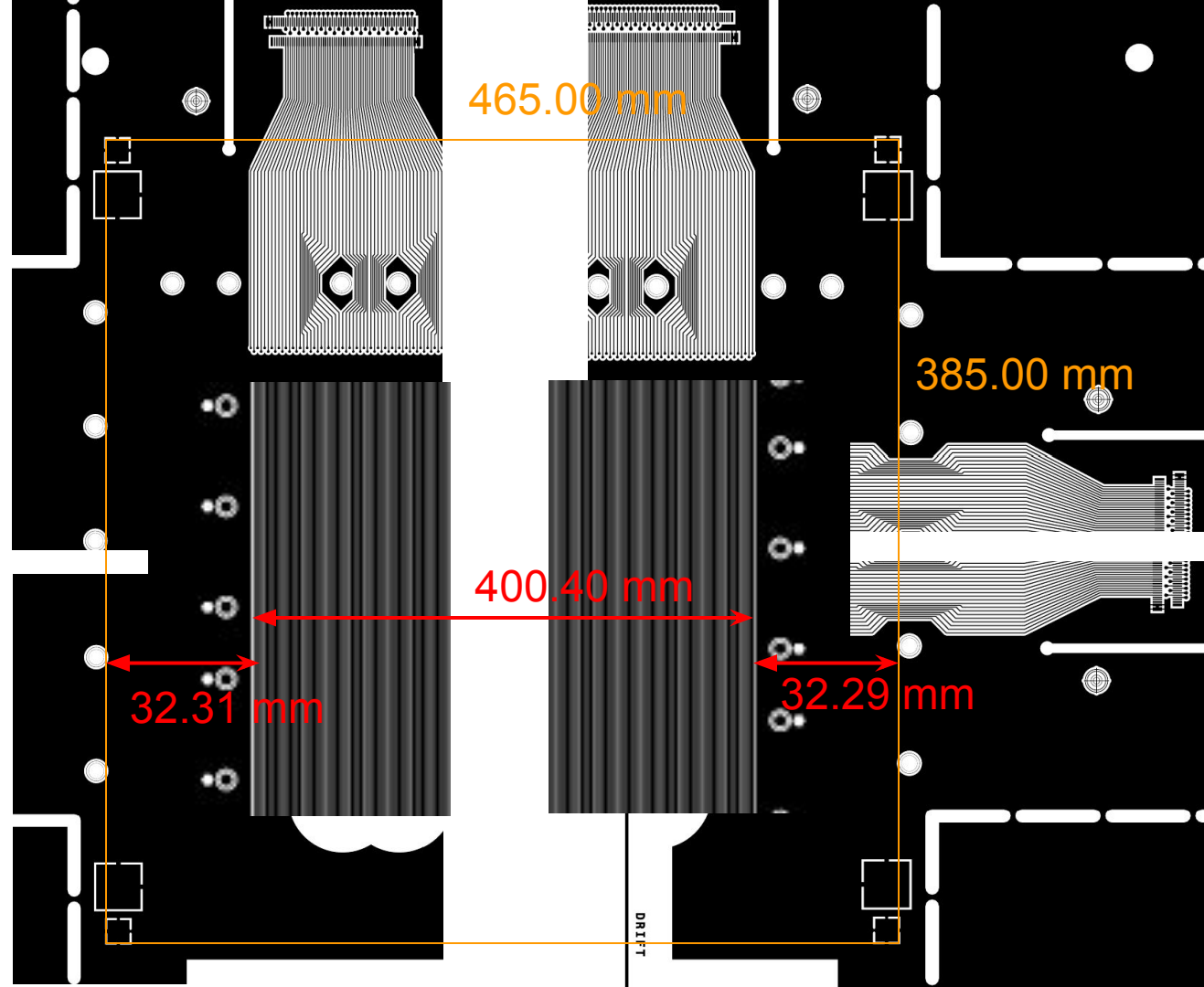
465.00 mm

67.10 mm

385.00 mm

250.80 mm

67.10 mm

DRIFT

long side

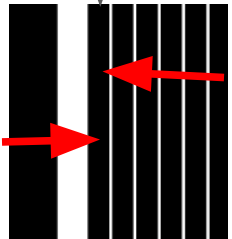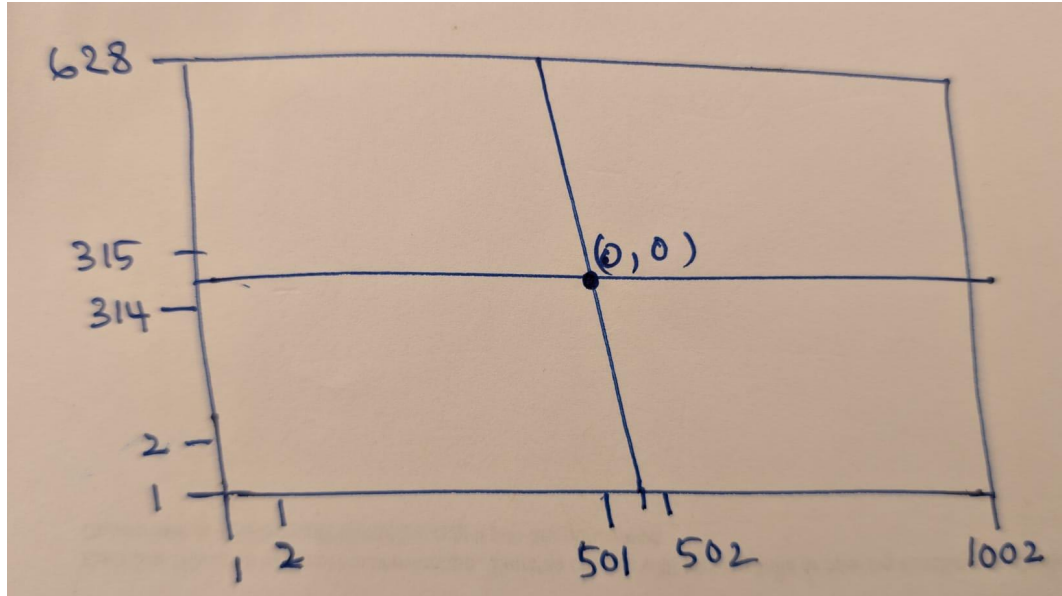short side

center of
the first strip

center of
the last strip

465.00 mm

385.00 mm

400.40 mm

32.31 mm

32.29 mm

DRIFT

Convert strip number to mm

Long side:

cluster_coordinates =
(strip_number - 501.5) x 0.4 mm

Short side:

cluster_coordinates =
(strip_number - 314.5) x 0.4 mm

strip (501.5, 314.5) -> (0,0) mm