Scenario 1: Metal3 continuous under CAPM

MR_capm.ENC.1 = 0.14um

MR_capm.SP.1 = 0.84um

capm

met3

Met3_bottom_plate
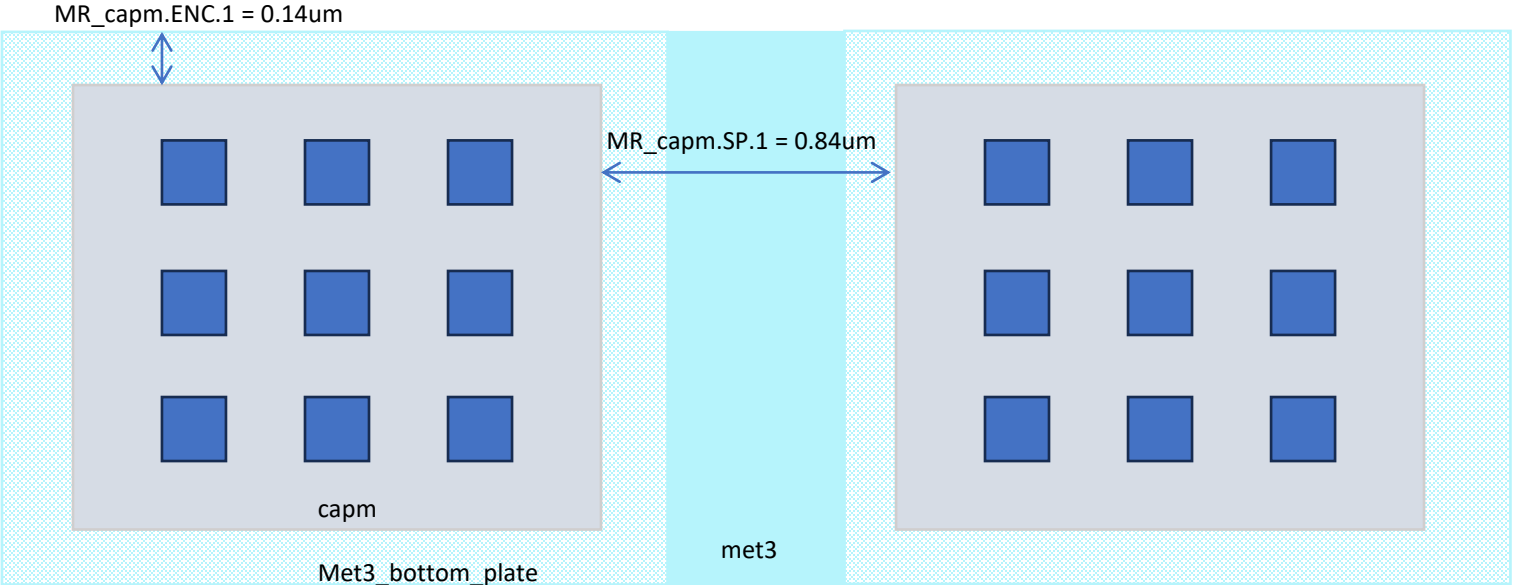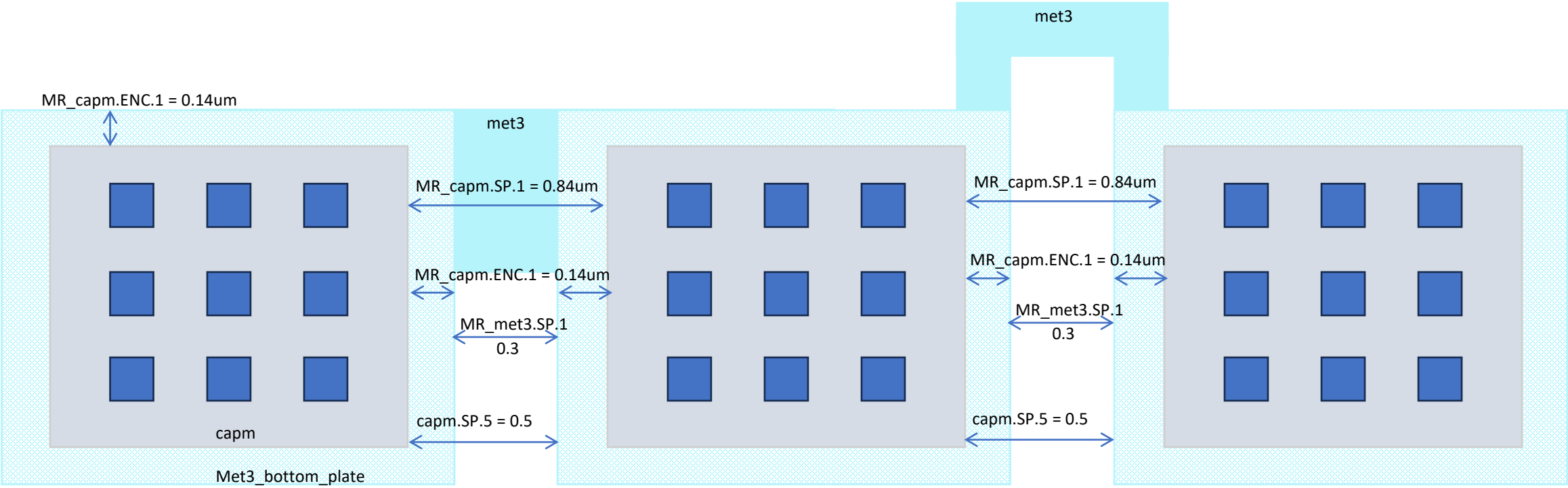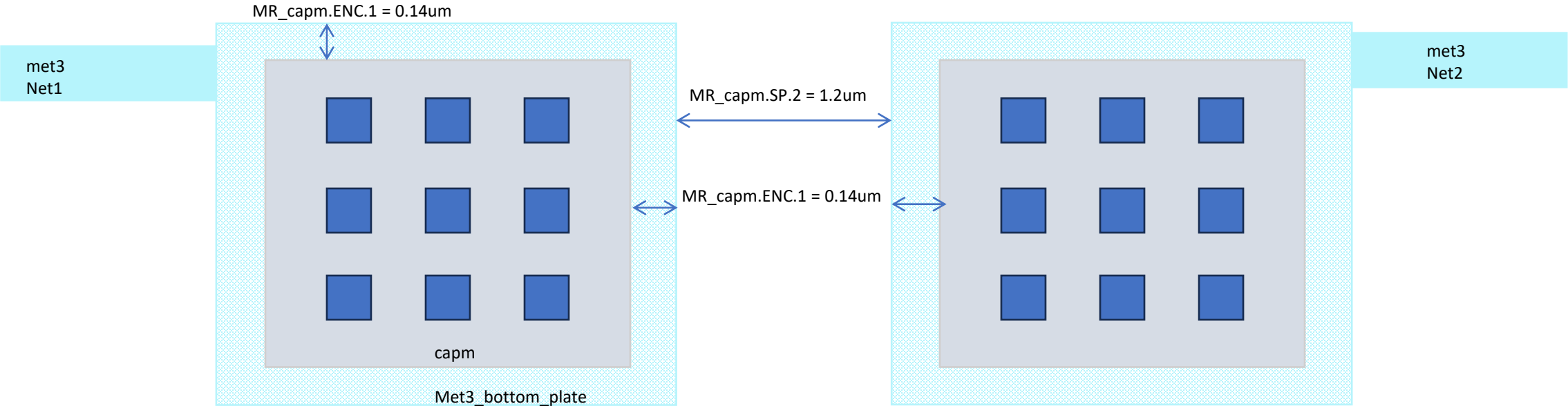
The space between CAPM is set by MR_capm.SP.1.   Met3_bot_plate (MR_capm.SP.2) rule does not apply.

Scenario 2: Metal3 not continuous under CAPM, but electrically connected

MR_capm.ENC.1 = 0.14um

met3

met3

MR_capm.SP.1 = 0.84um

MR_capm.SP.1 = 0.84um

MR_capm.ENC.1 = 0.14um

MR_capm.ENC.1 = 0.14um

MR_met3.SP.1
0.3

MR_met3.SP.1
0.3

capm

capm.SP.5 = 0.5

capm.SP.5 = 0.5

Met3_bottom_plate

The space between CAPM is set by MR_capm.SP.1.   Met3_bot_plate (MR_capm.SP.2) rule does not apply.
Rules MR_met3.SP.1 and capm.SP.5 are met by meeting MR_capm.SP.1.

Scenario 3: Metal3 under CAPM not electrically connected

MR_capm.ENC.1 = 0.14um

met3
Net1

MR_capm.SP.2 = 1.2um

MR_capm.ENC.1 = 0.14um

met3
Net2

capm

Met3_bottom_plate

Met3_bot_plate (MR_capm.SP.2) applies to this layout.