Agilent Microarray Format

Technical Drawings with Tolerances

This guide contains all the appropriate drawings for Agilent's 244K density microarray slides and the various formats available on these slides

244K Format (1 array per slide)

Dimensions measuring feature position are from the center of the feature. The array contains 243,504 features consisting of two interlaced rectangular grids of 267 rows at 0.073323 mm spacing by 456 columns at 0.127 mm spacing. The columns and rows are interlaced (offset) from each other.
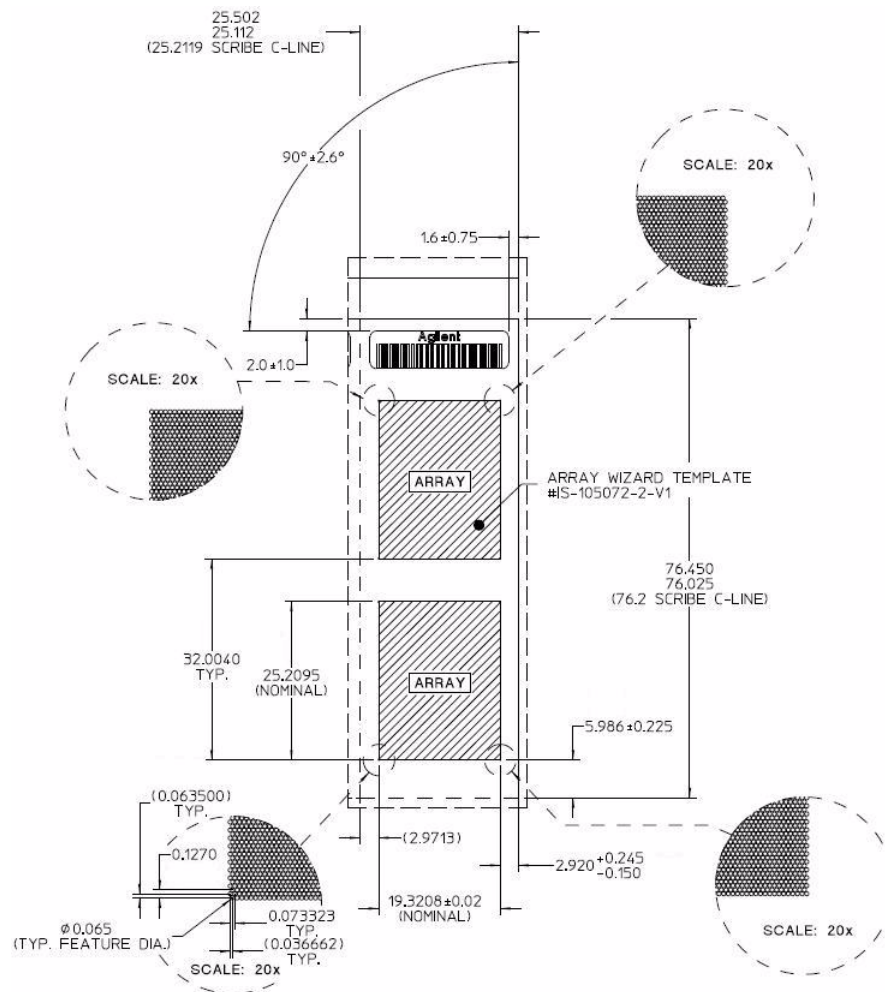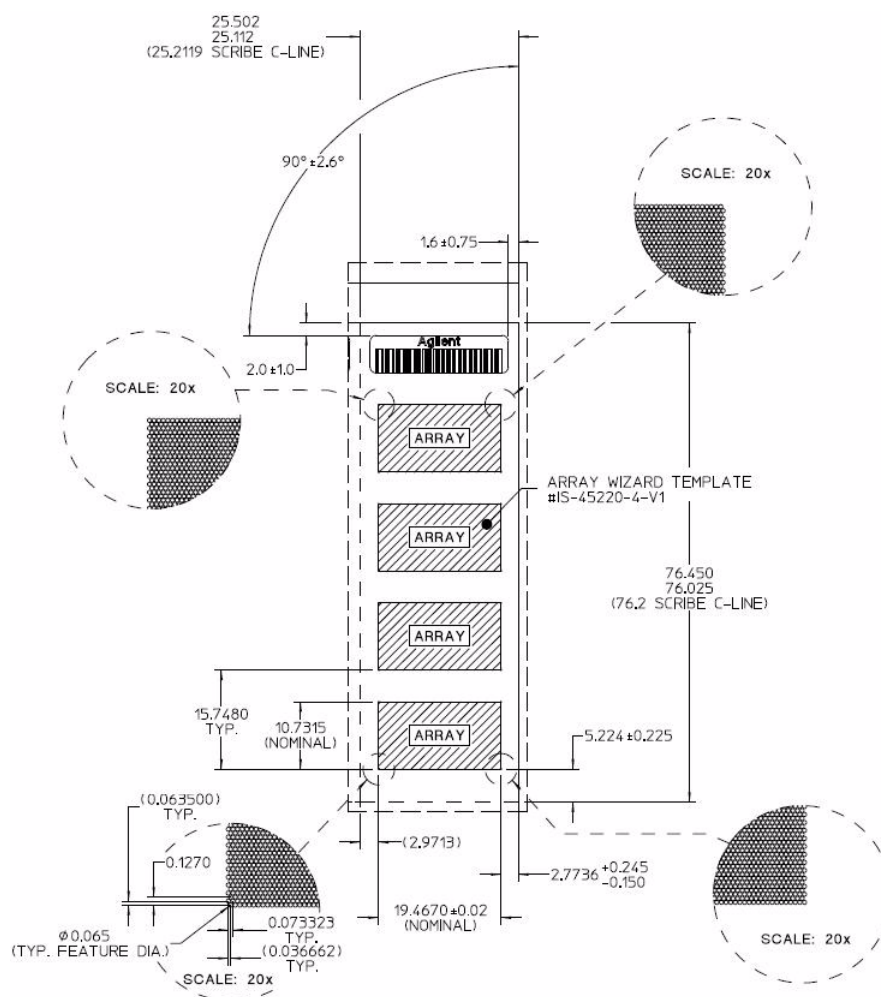

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2x105K Format (2 arrays per slide)

Dimensions measuring feature position are from the center of the feature. The array contains 105,072 features consisting of two interlaced rectangular grids of 264 rows at 0.073323 mm spacing by 199 columns at 0.127 mm spacing. The columns and rows are interlaced (offset) from each other.
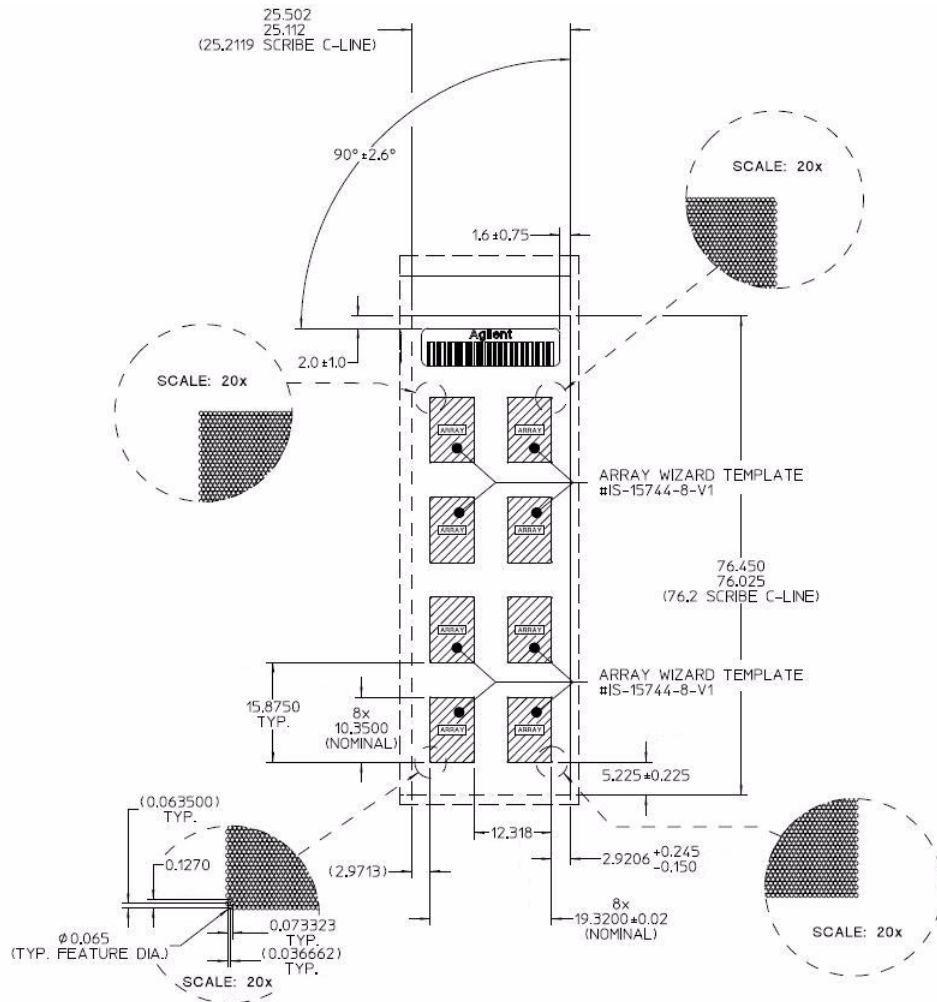
4x44K Format (4 arrays per slide)

Dimensions measuring feature position are from the center of the feature. The array contains 45,220 features consisting of two interlaced rectangular grids of 266 rows at 0.073323 mm spacing by 85 columns at 0.127 mm spacing. The columns and rows are interlaced (offset) from each other.

8x15K format (8 arrays per slide)

Dimensions measuring feature position are from the center of the feature. The array contains 15744 features consisting of two interlaced rectangular grids of 96 rows at 0.073323 mm spacing by 82 columns at 0.127 mm spacing. The columns and rows are interlaced (offset) from each other.

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