This is a typical connector inspection (pin inspection).

Job runs first a blob to find position of the pins.

Using a loop, on each position found by blob, I apply one horizontal caliper and one vertical caliper, check width and height, compare with nominal value and tolerance provided in the custom view (GUI), then display the results (using the display options selected in the custom view).

For this full application, for inspecting more than 200 pin in the image including custom view and graphics, looping takes less than 50 cells in the worksheet.

Without looping, same application would require thousands of cells.