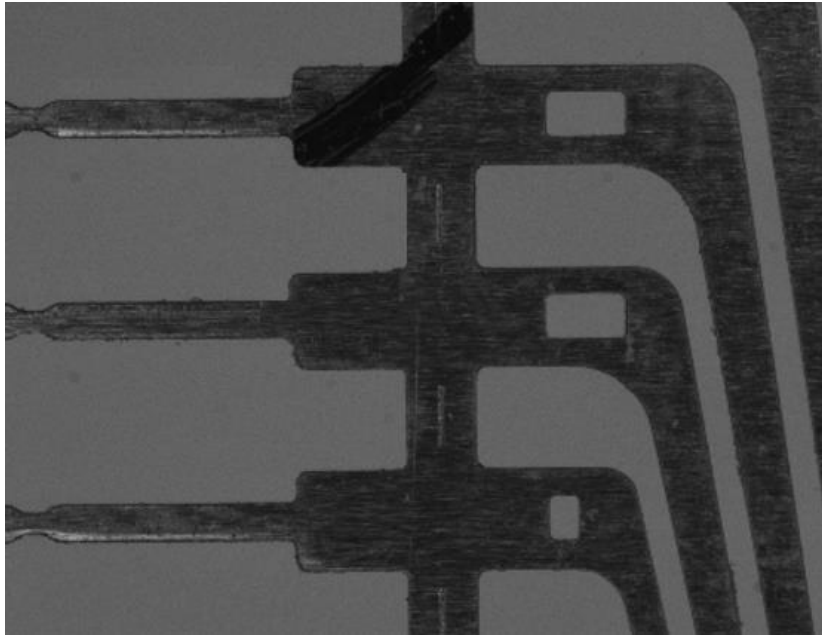# Training Workshop on Machine Vision (Image Processing Fundamentals)

Activity 2 – Effect of gamma correction on image

Learning outcome: Learn how gamma correction using different gamma values affects image

Task: Figure below shows part of a leadframe. Write OpenCV-Python codes to apply gamma correction with the following gamma values: $\gamma = 0.5$, $\gamma = 0.7$, $\gamma = 1.5$. How does the gamma value affect the image?

(Source: H. Martel, P. Chaturvedi, L. Dumoulin, Surface inspection of stamping defect on copper lead frames, Materials Science (2004)