Problem 5-6

In this problem you will check a position tolerance. Consider the plug part in Exercise Problem#5. The part geometry is sampled by a CMM and the pattern of points representing both pin features are shown. The GO gage is made up of two holes. Move and rotate the gage if necessary to determine if the part passes the gage test. Based on this information, is this part within position tolerance? Note that both the part surface samples and the gage are 3D but only a 2D pattern can be shown on the plane of paper.