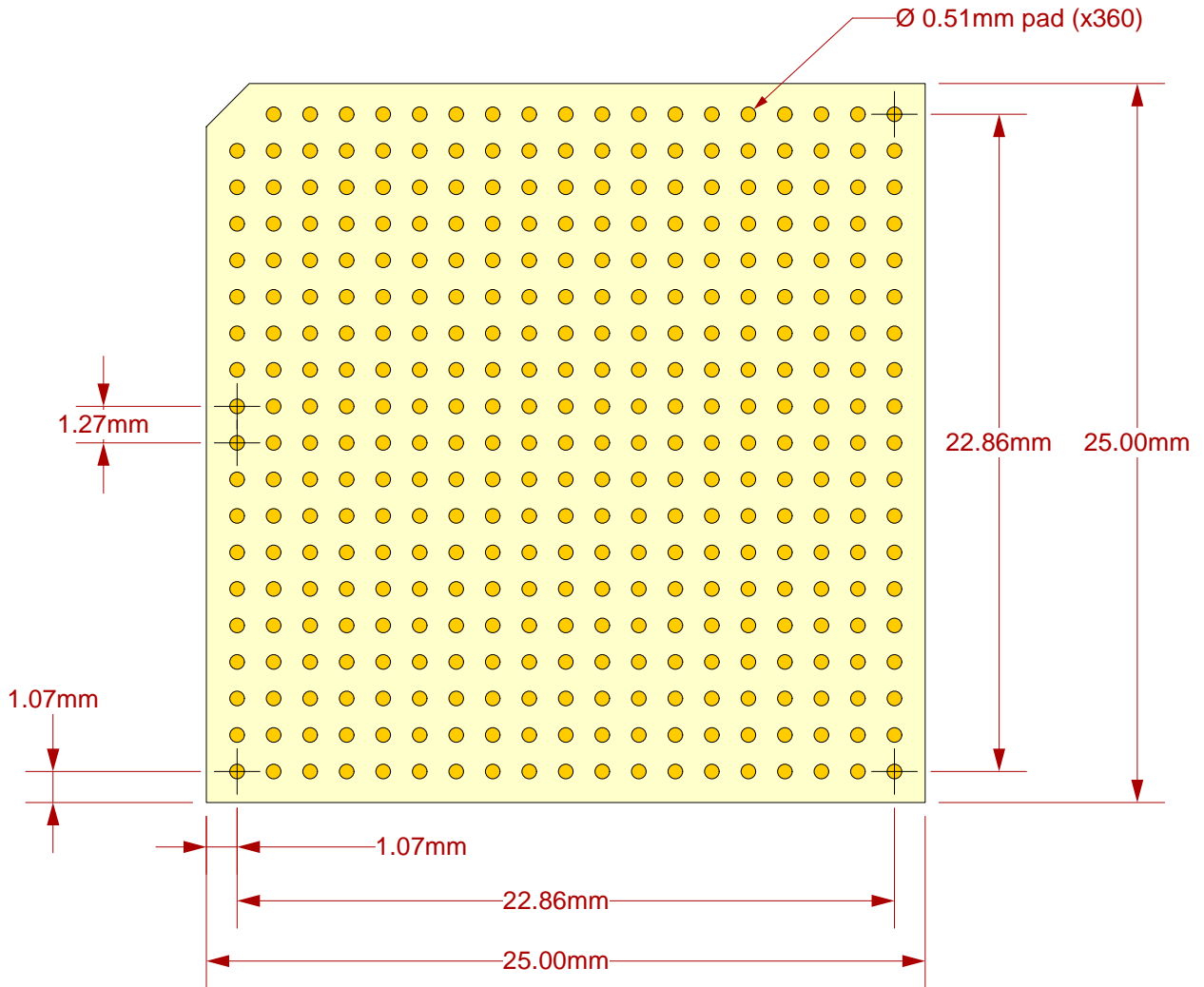
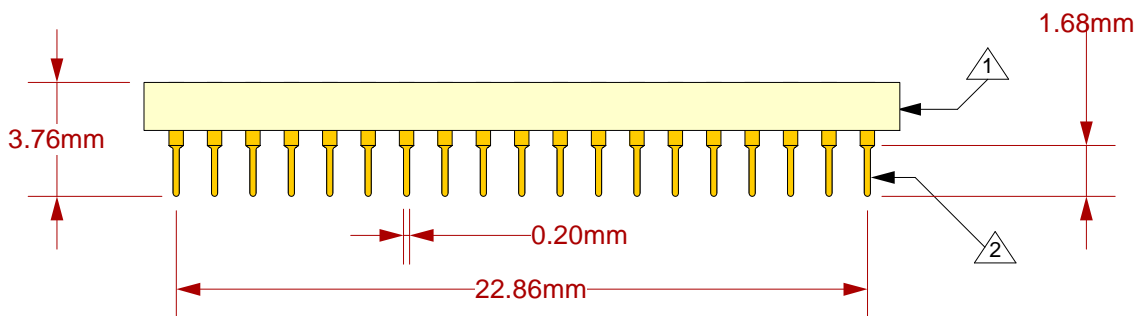


TOP VIEW



SIDE VIEW




1 Substrate: 1.59mm  $\pm$ 0.18mm [0.0625"  $\pm$ 0.007"]  
FR4/G10 or equivalent high temp material.

2 Pins: material- Brass Alloy 360 1/2 hard; finish-  
0.25 $\mu$ m [10 $\mu$ "] Au over 1.27 $\mu$ m [50 $\mu$ "] Ni (min.).

**Description:** Giga-snaP BGA SMT Land Socket

360 position BGA surface mount land pattern to terminal pins (1.27mm [0.050"] centers, 19x19 array).

**Tolerances:** diameters  $\pm$ 0.03mm [ $\pm$ 0.001"], PCB perimeters  $\pm$ 0.13mm [ $\pm$ 0.005"], PCB thicknesses  $\pm$ 0.18mm [ $\pm$ 0.007"], pitches (from true position)  $\pm$ 0.08mm [ $\pm$ 0.003"], all other tolerances  $\pm$ 0.13mm [ $\pm$ 0.005"] unless stated otherwise. Materials and specifications are subject to change without notice.

|   |                                     |                         |                                |                  |
|---|-------------------------------------|-------------------------|--------------------------------|------------------|
|  <p>© 2013 IRONWOOD ELECTRONICS, INC.<br/>Tele: (800) 404-0204<br/>www.ironwoodelectronics.com</p> | <p><b>LS-BGA360A-31 Drawing</b></p> | <p>Status: Released</p> | <p>Scale: 4:1</p>              | <p>Rev: A</p>    |
|   | <p>Drawing: S. Faiz</p>             | <p>Date: 11/13/13</p>   | <p>File: LS-BGA360A-31 Dwg</p> | <p>Modified:</p> |