



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

1148 position BGA surface mount land pattern to terminal pins (1.0mm [0.039"] centers, 34x34 array)

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

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

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

<b>LS-BGA1148A-41 Drawing</b>		Status: Released	Scale: 4:1	Rev: B
 <p>© 2005 IRONWOOD ELECTRONICS, INC. PO BOX 21151 ST. PAUL, MN 55121 Tele: (651) 452-8100 www.ironwoodelectronics.com</p>	Drawing: S.Natarajan		Date: 3/2/05	
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