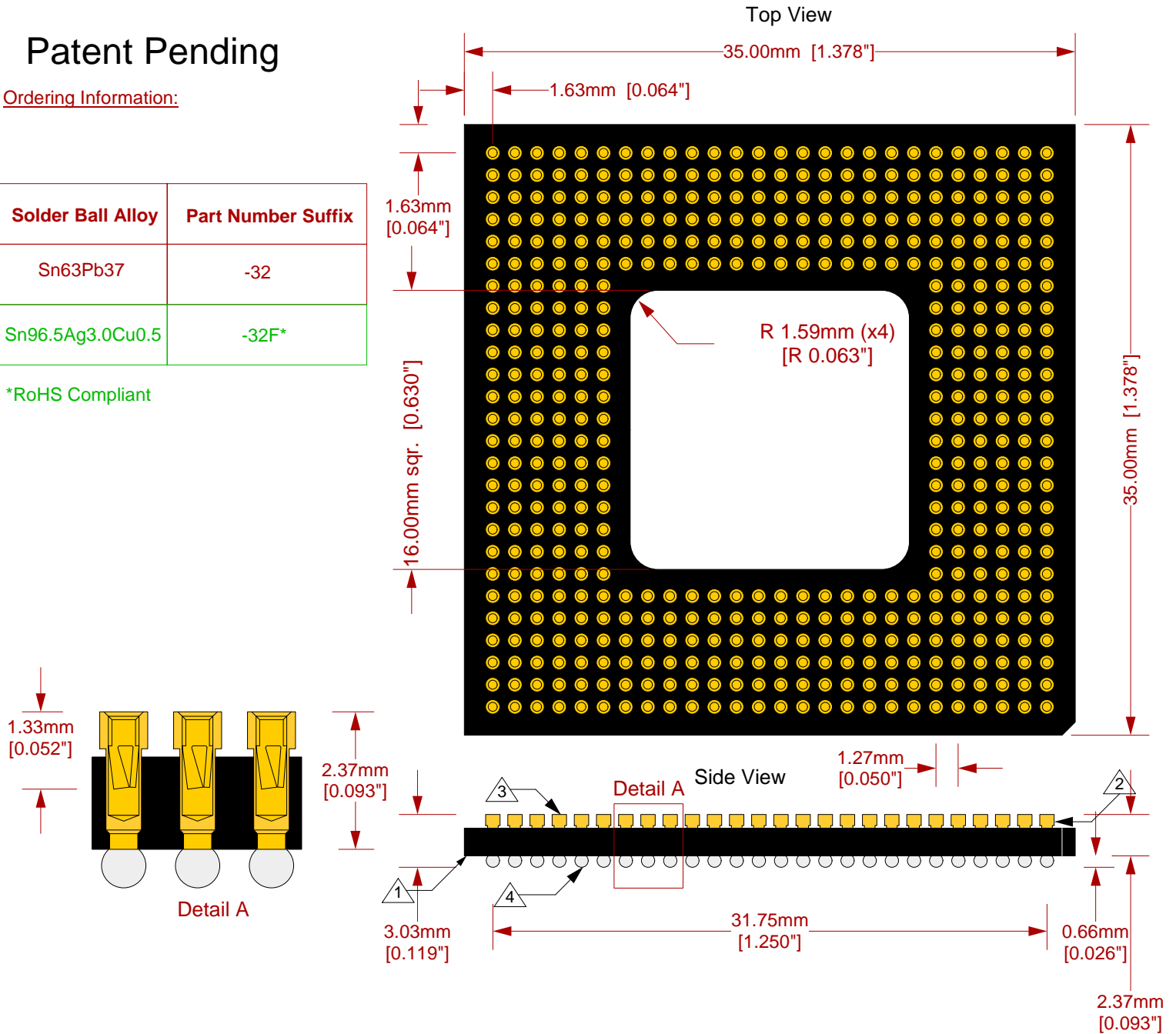


Patent Pending

Ordering Information:

Solder Ball Alloy	Part Number Suffix
Sn63Pb37	-32
Sn96.5Ag3.0Cu0.5	-32F*

*RoHS Compliant



CONTACT DATA

Accepts 0.20mm - 0.33mm Diameter pins

3-finger

37/25 gram, Initial insertion force (with 0.254mm/0.203mm dia. pin)

30/22 gram, normal force (with 0.254mm/0.203mm dia. pin)


20/17 gram, extraction force (with 0.254mm/0.203mm dia. pin)

- ① Substrate: 1.59mm ±0.18mm [0.0625" ±0.007"] FR4/G10 or equivalent high temp material. (RoHS)
- ② Pins: material- Brass Alloy 360 1/2 hard; finish- 0.25µm [10µ"] Au over 1.27µm [50µ"] Ni (min.).
- ③ Contacts: Beryllium Copper Alloy172, HT; Finish- 0.25µm [10µ"] Au over 1.27µm [50µ"] Ni (min.).
- ④ Solder Balls: See table above.

Description: Giga-snaP BGA SMT Foot

480 position (1.27mm pitch) gold plated female receptacle pins to SMT solder balls (BGA type). Pin assignment 1:1.

Tolerances: diameters ±0.03mm [±0.001"], PCB perimeters ±0.18mm [±0.007"], 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.

SF-BGA480A-B-32(F) Drawing		Status: Released	Scale: 3:1	Rev: A
 <p>© 2006 IRONWOOD ELECTRONICS, INC. 11351 Rupp Drive, Suite 400, Burnsville, MN 55337 Tele: (952) 229-8200 www.ironwoodelectronics.com</p>	Drawing: J. Glab		Date: 11/10/06	
	File: SF-BGA480A-B-32 Dwg		Modified:	