

**AMP****Personal Systems Products**  
**Computer Industry****CPU Interconnection****PGA Sockets****Material and Finish:**

Single Lever Actuated  
ZIF (SLZ) and Screwdriver Actuated  
ZIF (SAZ):

**Housing** – High temperature  
thermoplastic

**Contacts** – Copper alloy, plated  
.000030 [0.00076] min. gold over  
.000050 [0.00127] min. nickel in contact  
area; .000150 [0.0038] min. tin-lead  
over .000050 [0.00127] min. nickel in  
solder area

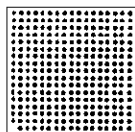
**Actuator(SLZ)** – Zinc alloy

**Low Insertion Force (LIF)** - Screw  
Machine

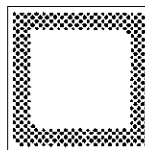
**Insulator** – Glass-filled epoxy

**Inner Contact Clip** – Beryllium cop-  
per, plated 0.00075mm [.00030 in.]  
18c gold

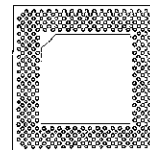
**Solder Tail** – Brass, plated  
0.00500mm [.000197 in.] tin-lead over  
0.00200mm [.000079 in.] - 0.00300mm  
[.000119 in.]

**Socket Patterns****Pattern A**

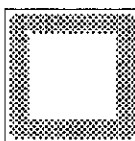
**17 x 17 Pattern,  
288-Positions  
PowerPC™**

**Pattern B**

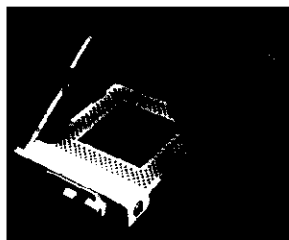
**19 x 19 Pattern,  
321-Positions  
Pentium™,  
K6-2 & K6-3  
Socket 7**

**Pattern C**

**19 x 19 Pattern,  
370-Positions  
Celeron™**

**Pattern D**

**22 x 22 Pattern,  
499-Positions  
DEC Alpha**

**Single Lever ZIF (SLZ)  
Sockets****Note:**

**BLUE** part numbers indicate 2D  
geometry and 3D CAD models  
that are included on CD-ROM.

| Pattern<br>Style | Solder Tail<br>Length | Notes | Part Number |
|------------------|-----------------------|-------|-------------|
| A                | .110<br>2.79          | —     | 916668-1    |
| A                | .113<br>2.87          | —     | 916668-4    |
| B                | .080<br>2.03          | —     | 916716-1    |
| B                | .090<br>2.29          | —     | 916716-2    |
| B                | .110<br>2.79          | —     | 916716-3    |
| C                | .080<br>2.03          | —     | 916783-1    |
| C                | .093<br>2.36          | —     | 916783-2    |
| C                | .110<br>2.79          | —     | 916783-3    |
| C                | .080<br>2.03          | 1     | 916783-4    |
| C                | .093<br>2.36          | 1     | 916783-5    |
| C                | .110<br>2.79          | 1     | 916783-6    |
| C                | .080<br>2.103         | 2     | 916783-7    |
| C                | .093<br>2.36          | 2     | 916783-8    |
| C                | .110<br>2.79          | 2     | 916783-9    |
| D                | .110<br>2.79          | —     | 916583-1    |
| D                | .140<br>3.56          | —     | 916583-2    |

**Notes:**

1. Contact plating is .000015 [0.00038] min gold in contact area.
2. Contact plating is gold flash in contact area.

**Product Facts:**

- Zero insertion force actuation to facilitate device socketing
- Convenient single lever (SL) handle operation requires no tools
- Contacts are plated with 30 microinches of gold
- Large funnel entry cavity
- Normally closed, full wiping contacts
- Positive detent-locking lever eliminates inadvertent opening
- Housing design permits the addition of a heat sink